

DOCKET NO.: TN099A
Application No.: 09/418,083
Office Action Dated: August 27, 2003

PATENT

Amendments to the Drawings:

Please accept the attached formal drawings for Figures 1-39 on sheets 1-48 in place of the originally filed drawings.

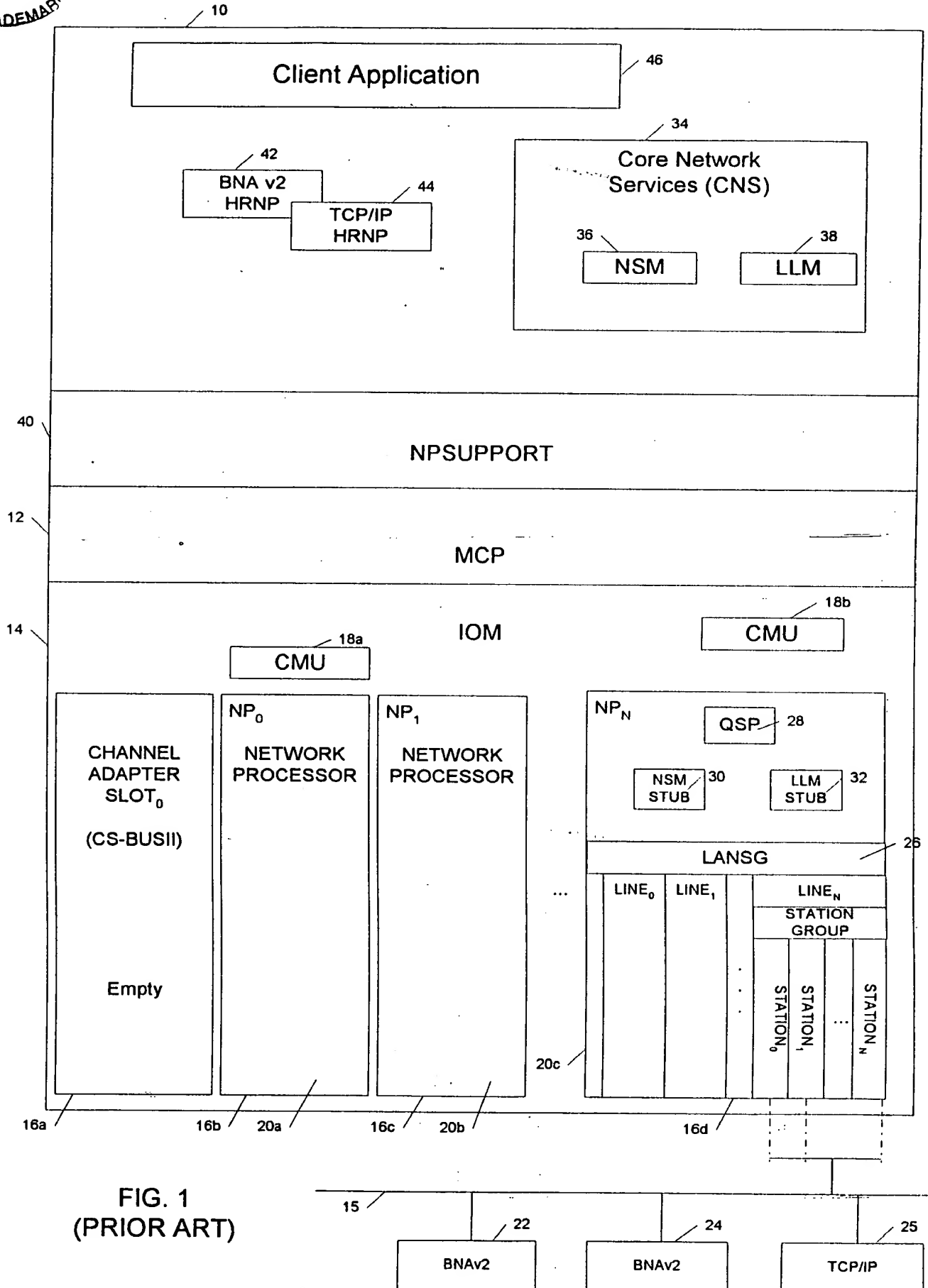


FIG. 1
(PRIOR ART)

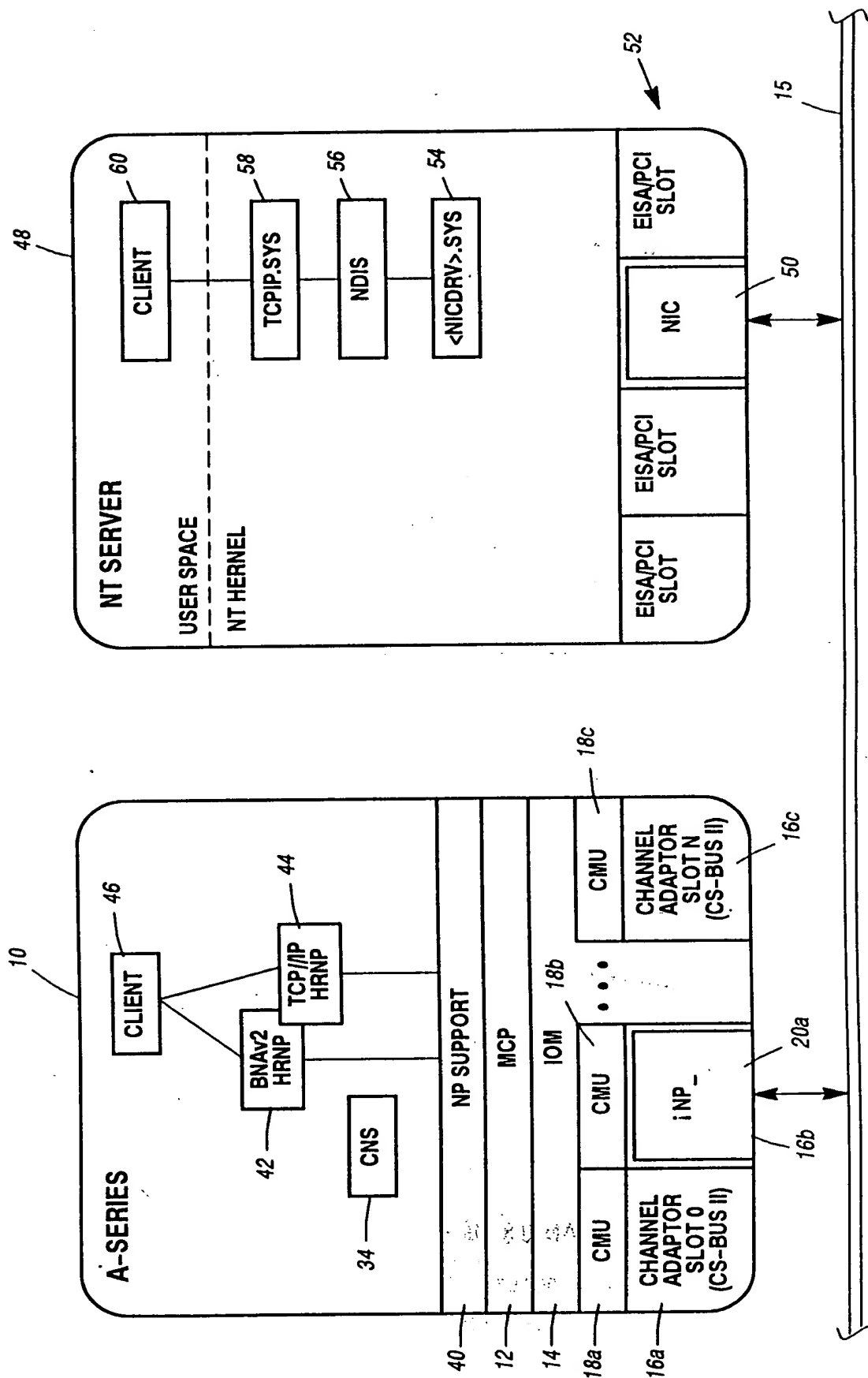


Figure 2
(Prior Art)

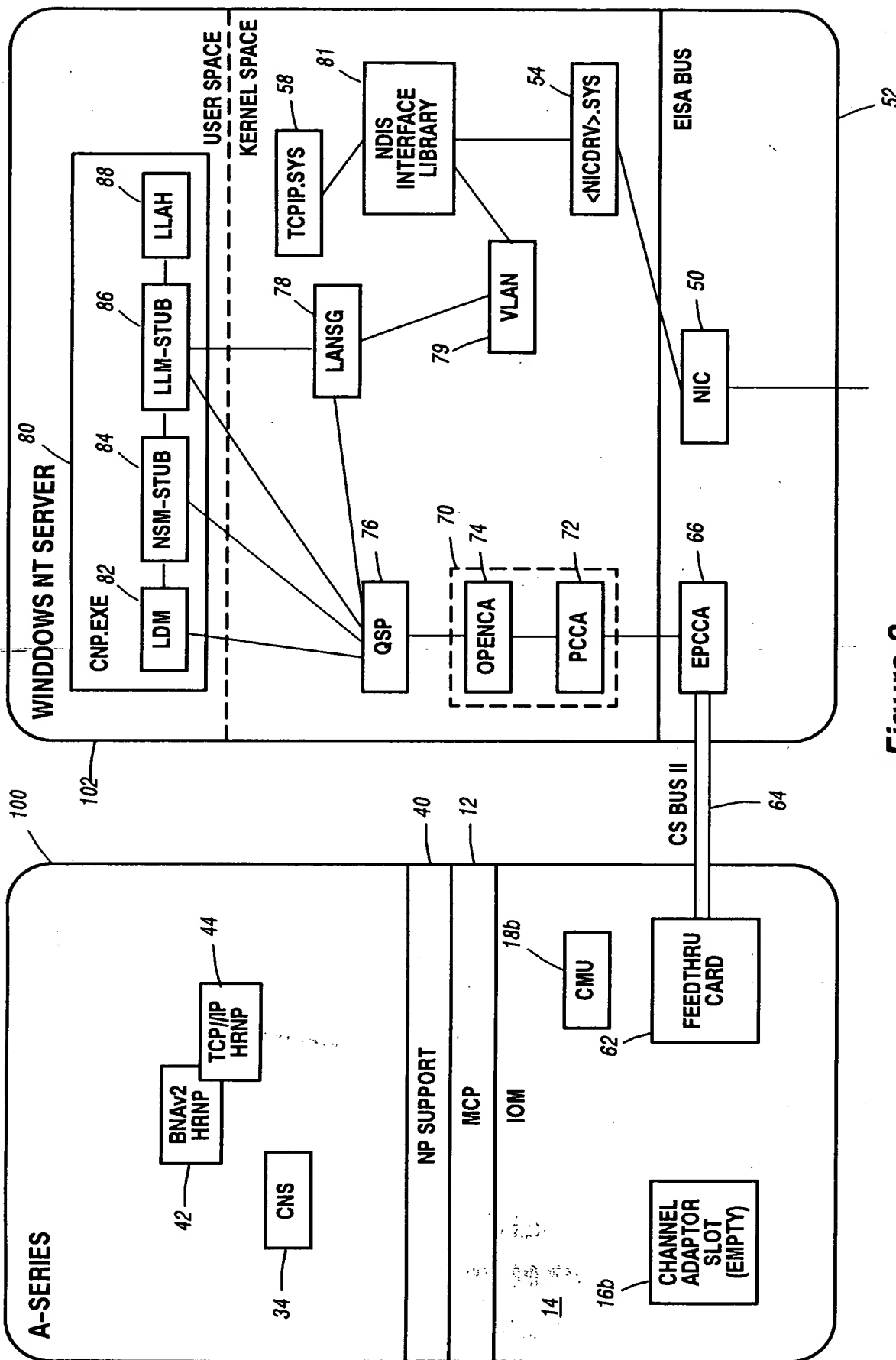


Figure 3
(Prior Art)

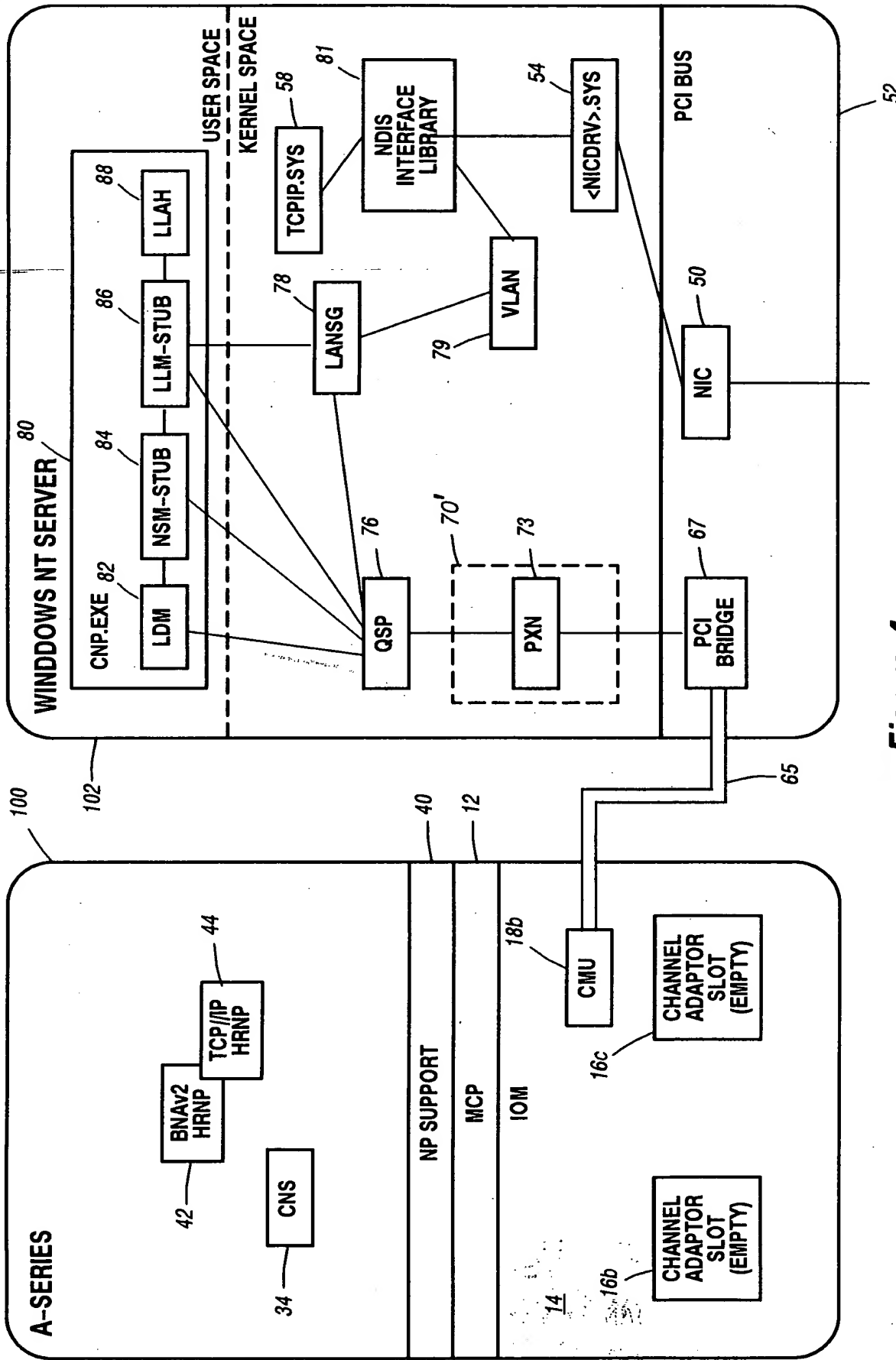


Figure 4
(Prior Art)

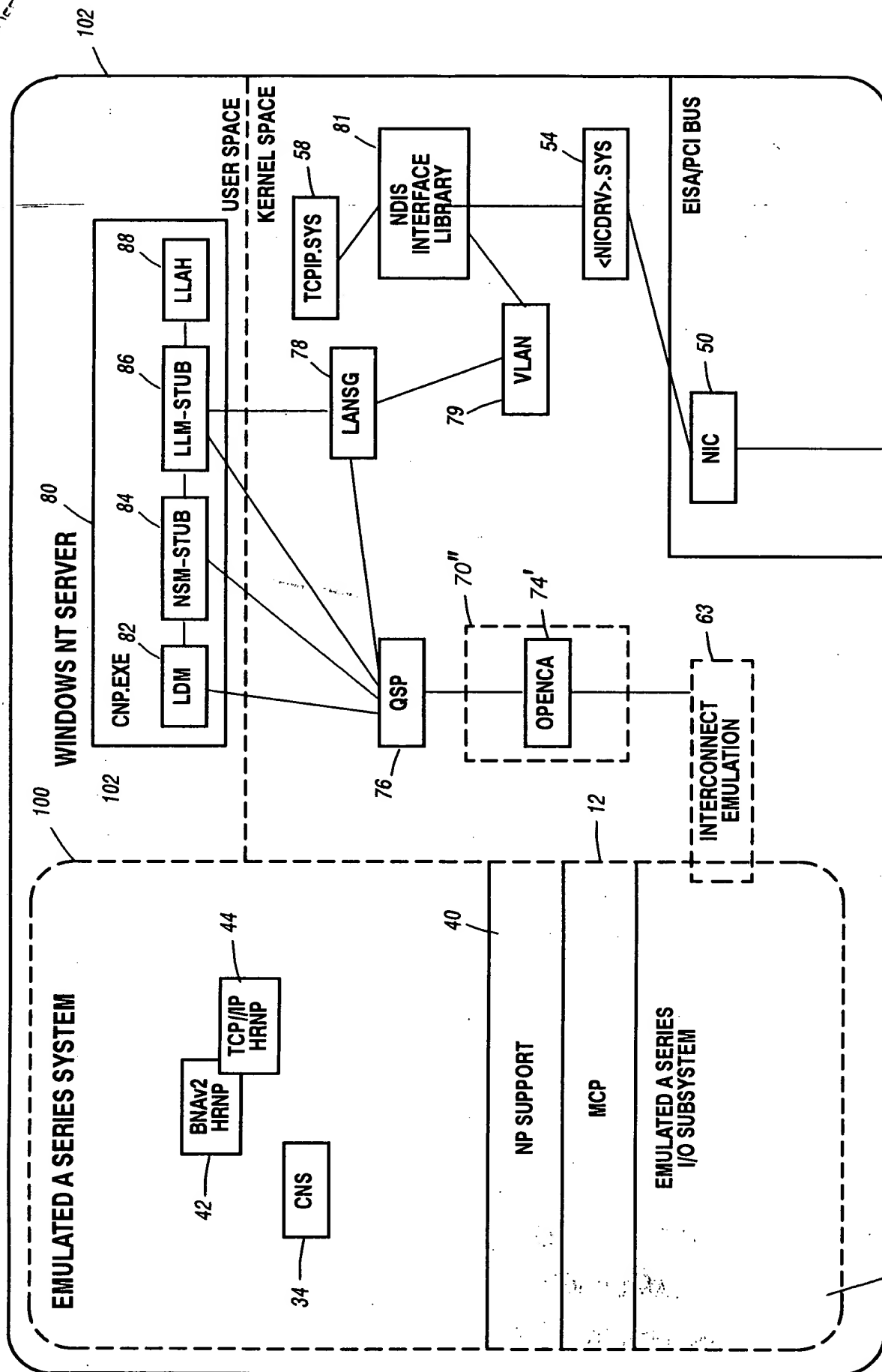


Figure 5
 (Prior Art)

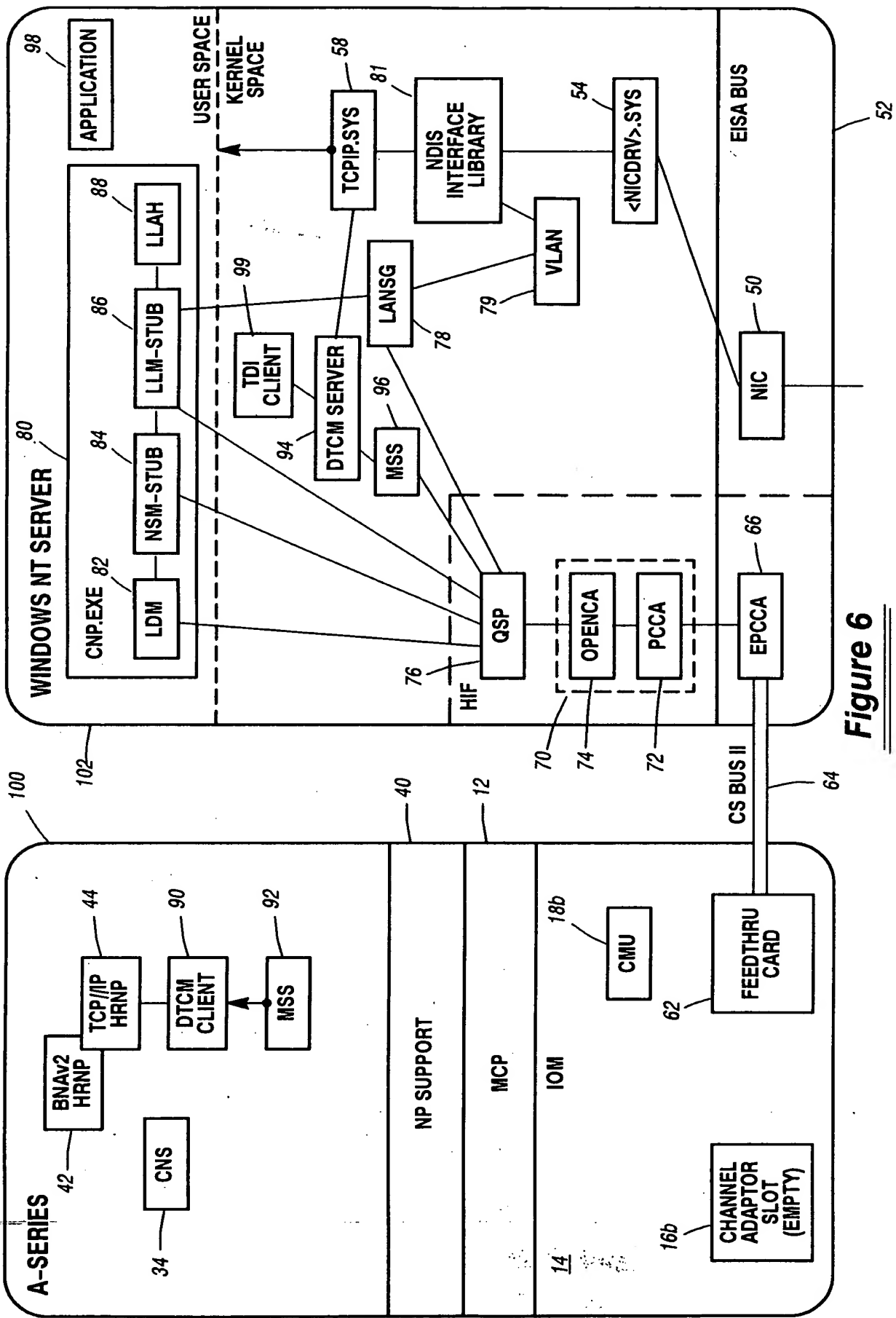
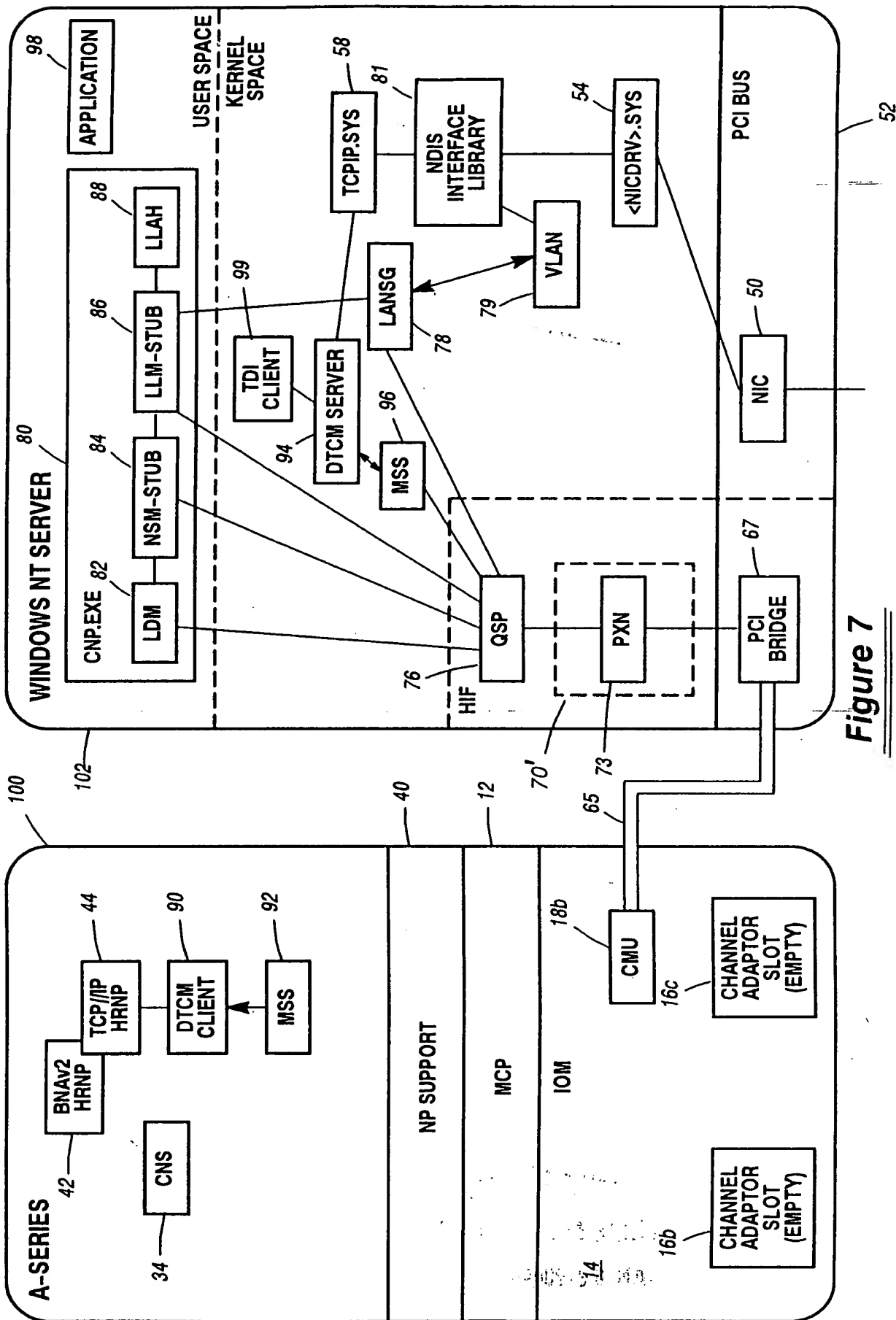


Figure 6



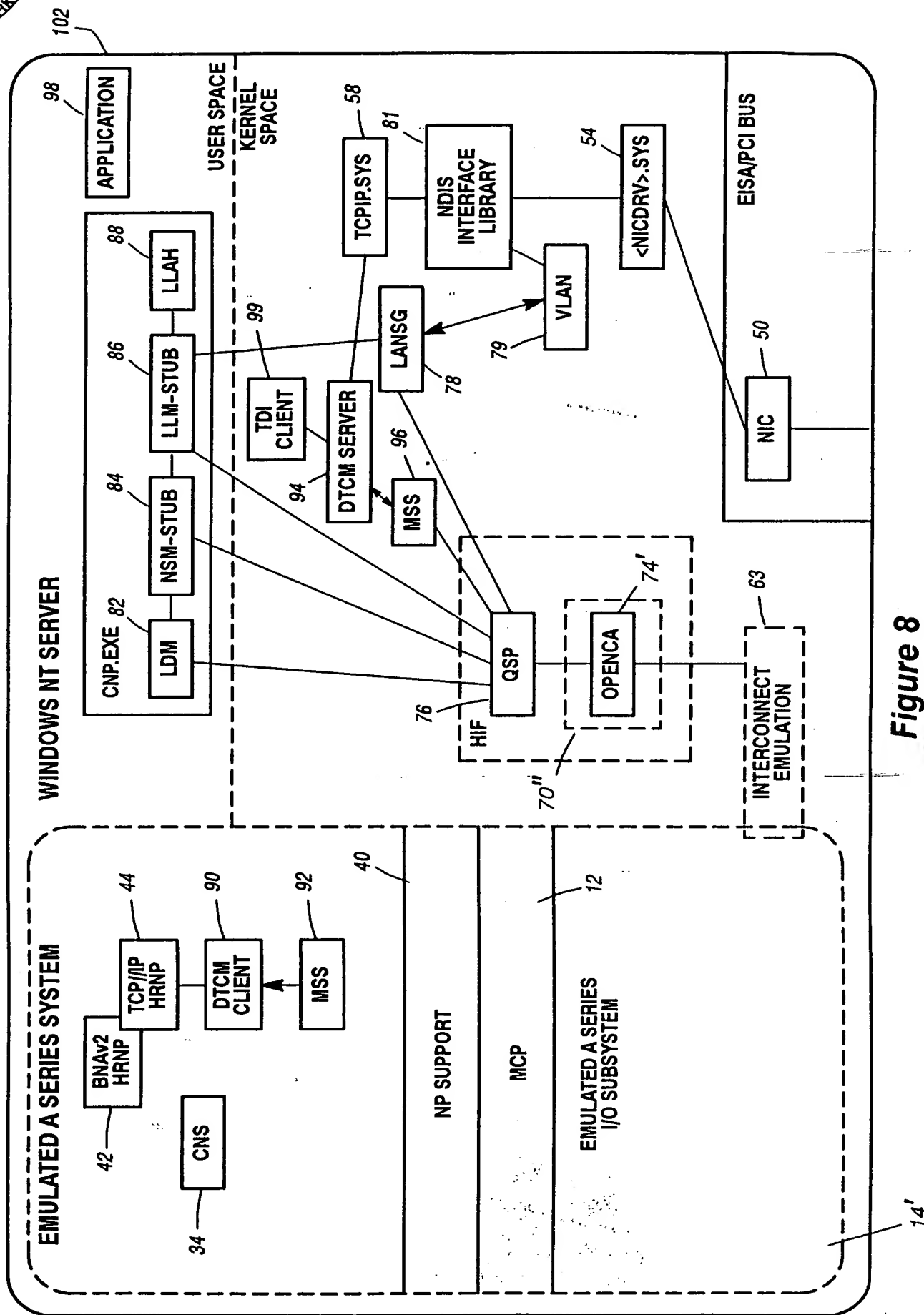


Figure 8

OSP: CLIENT CALLS QSP, PASSING A REQUEST
WHICH POINTS TO NON-CONTIGUOUS
MESSAGE SEGMENT

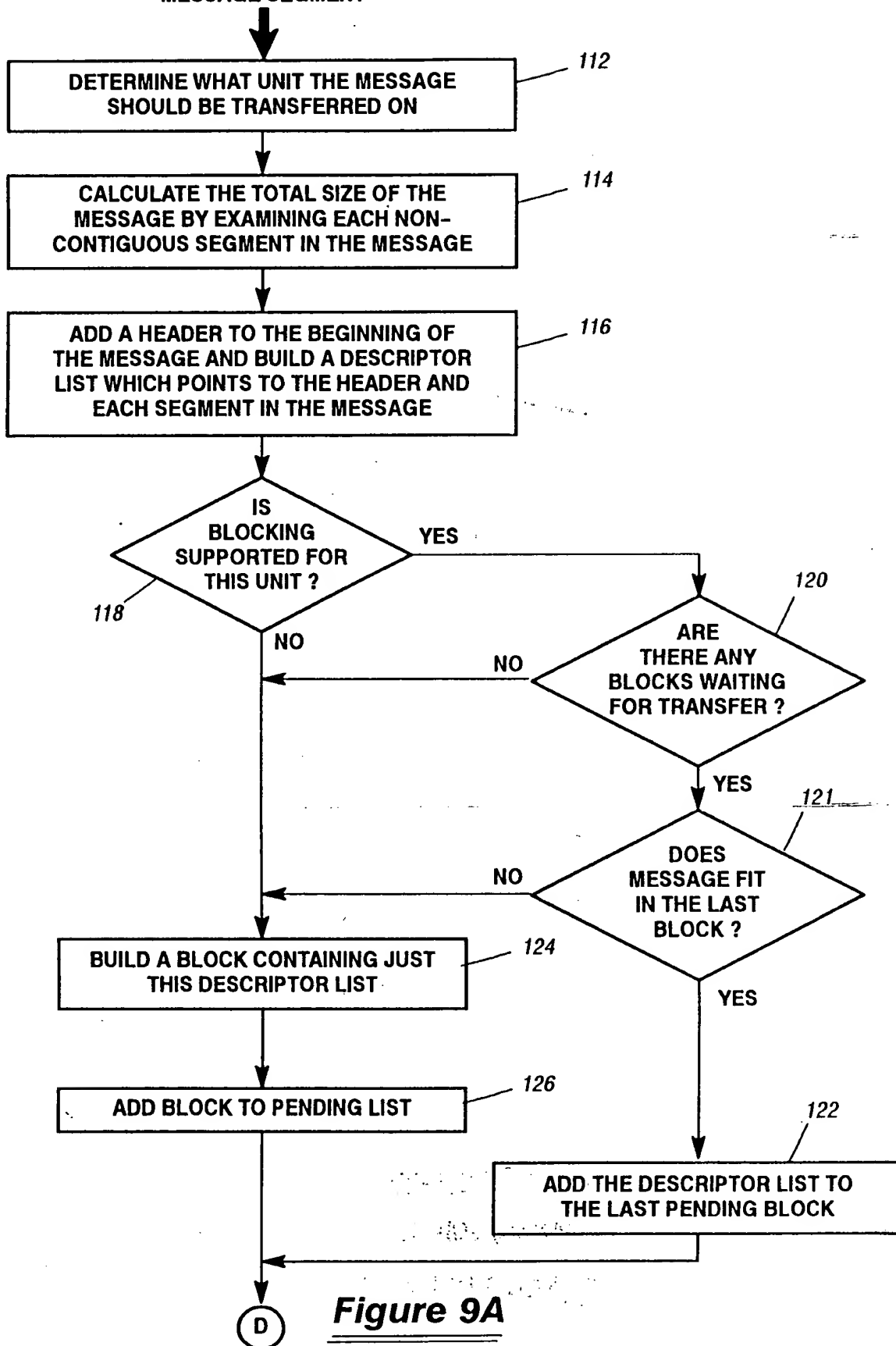


Figure 9A

OSP:

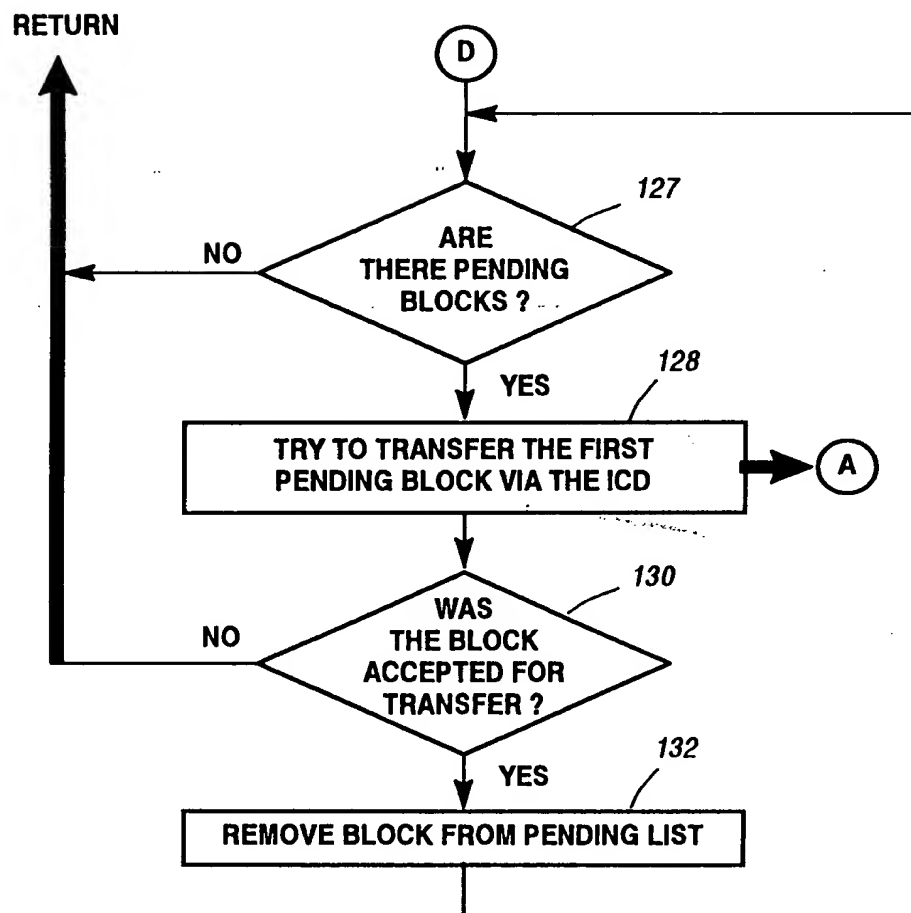


Figure 9B

ICD:

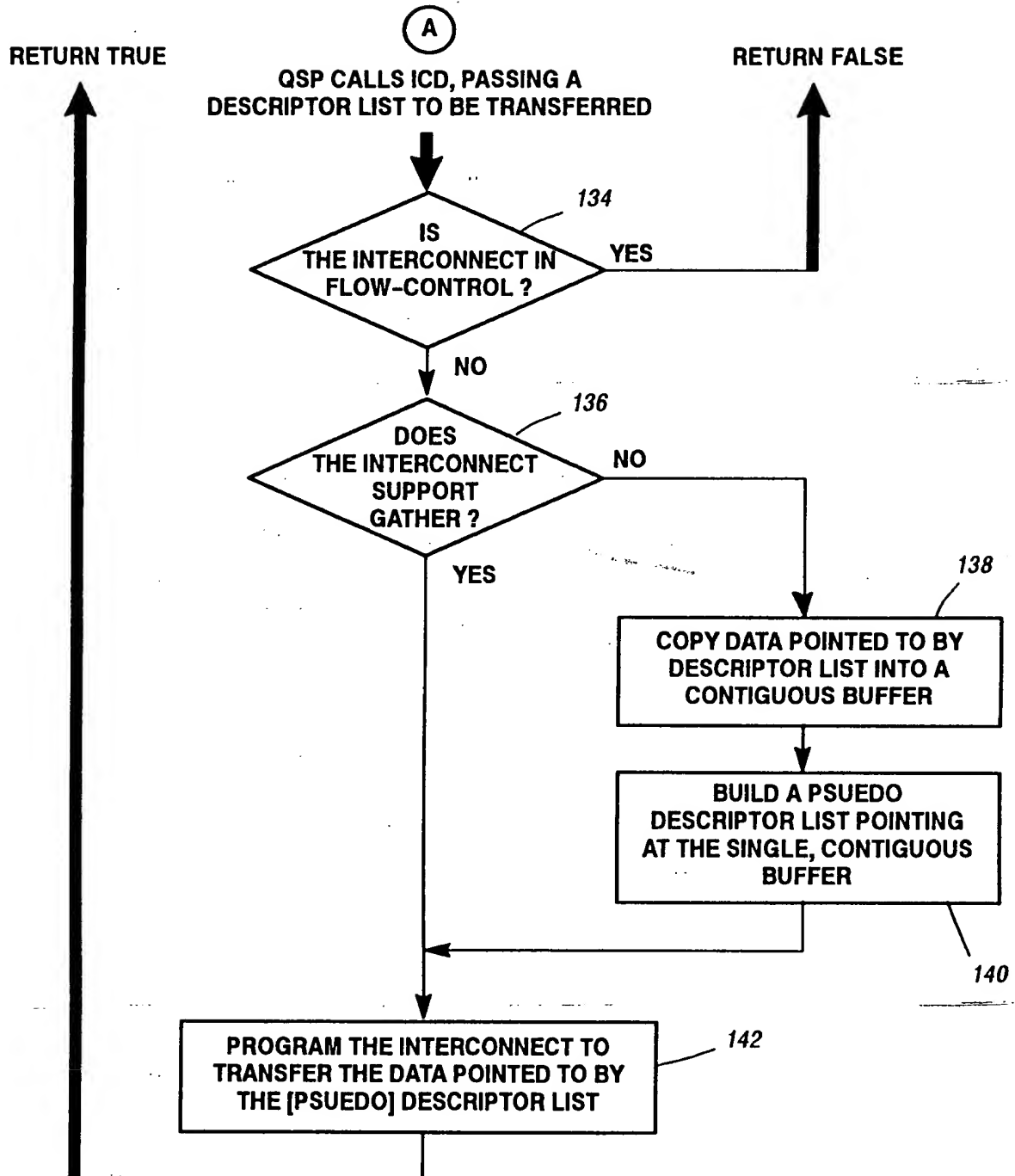
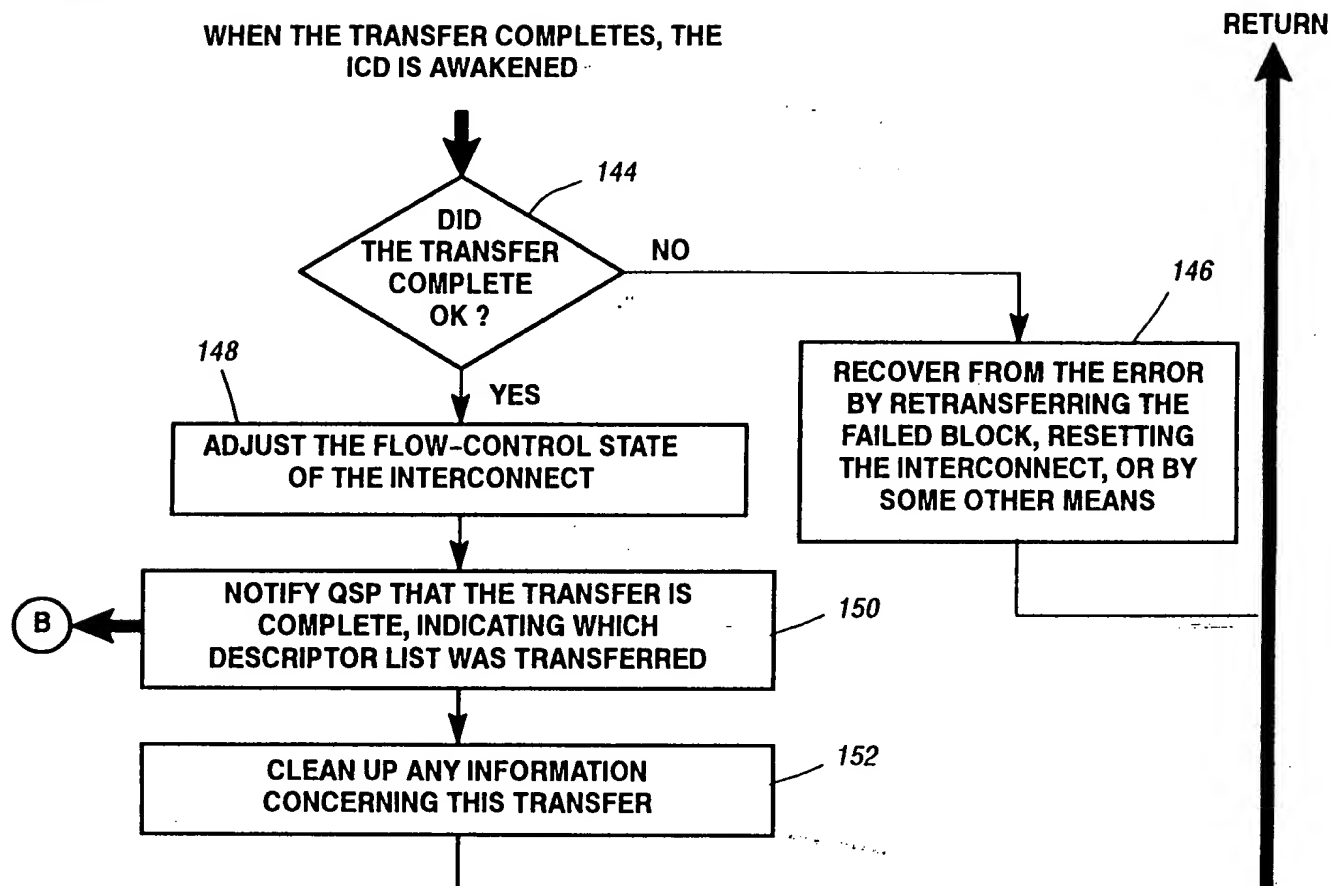


Figure 9C

ICD:



OSP:

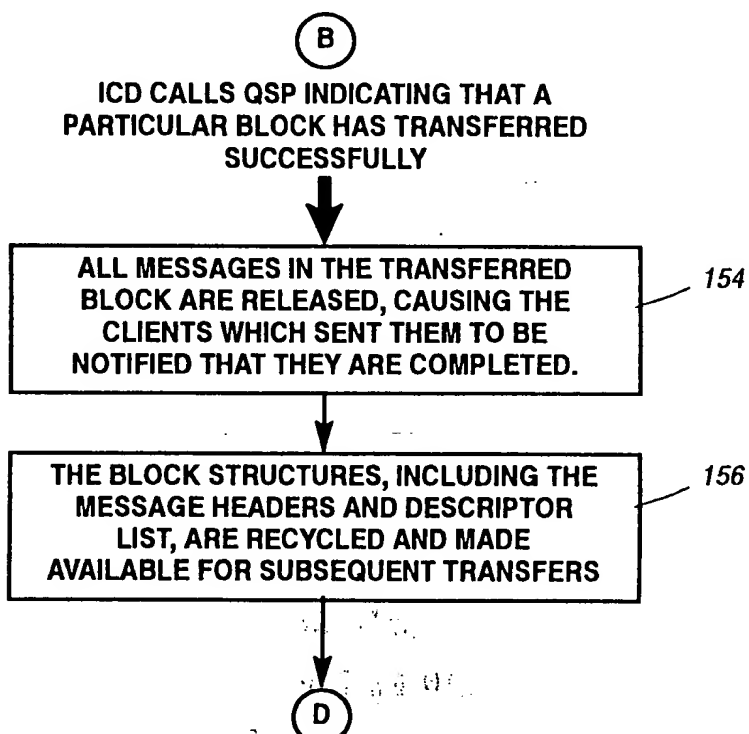
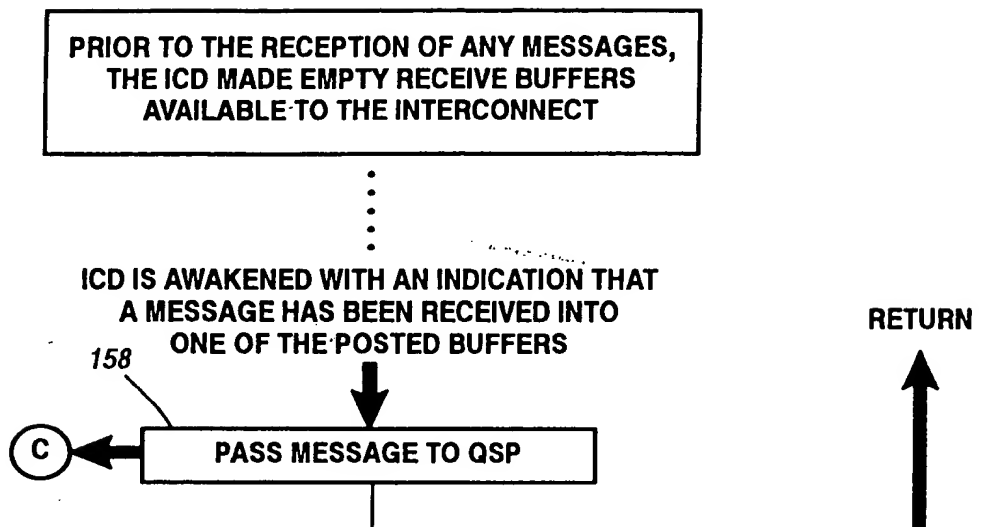


Figure 9D

ICD:



OSP:

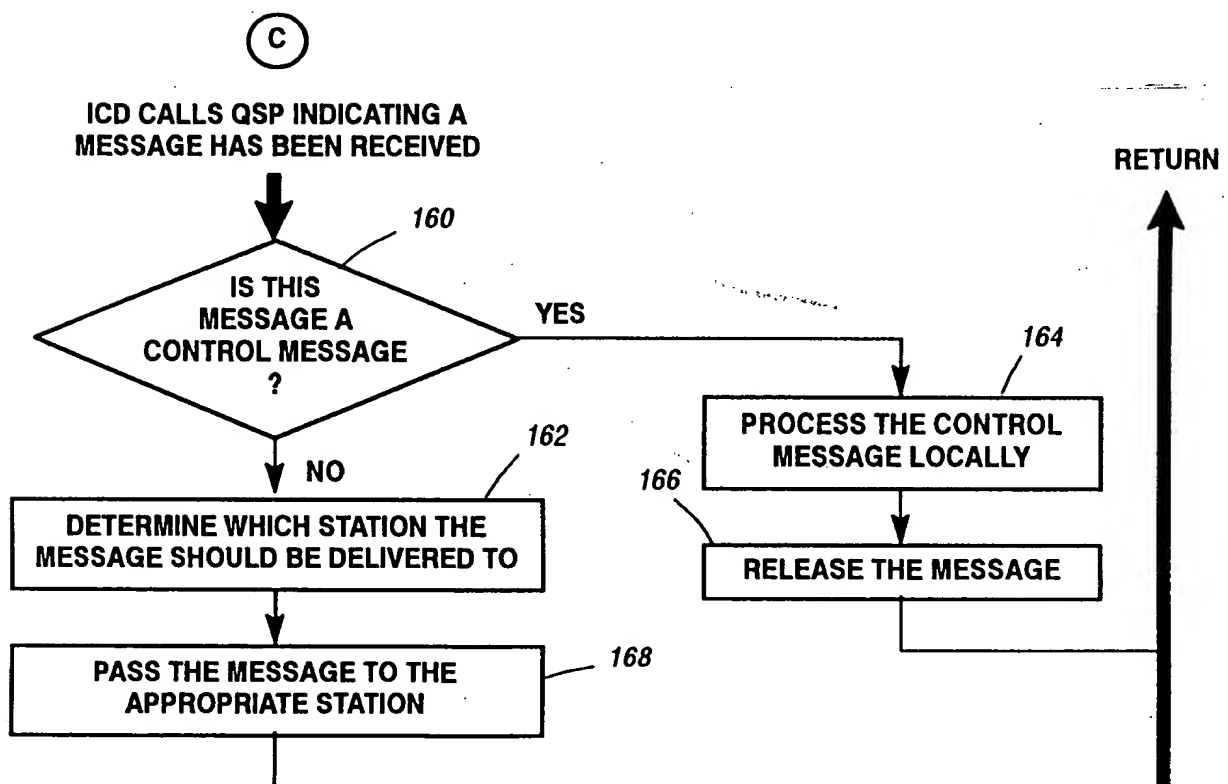


Figure 9E



ICD:

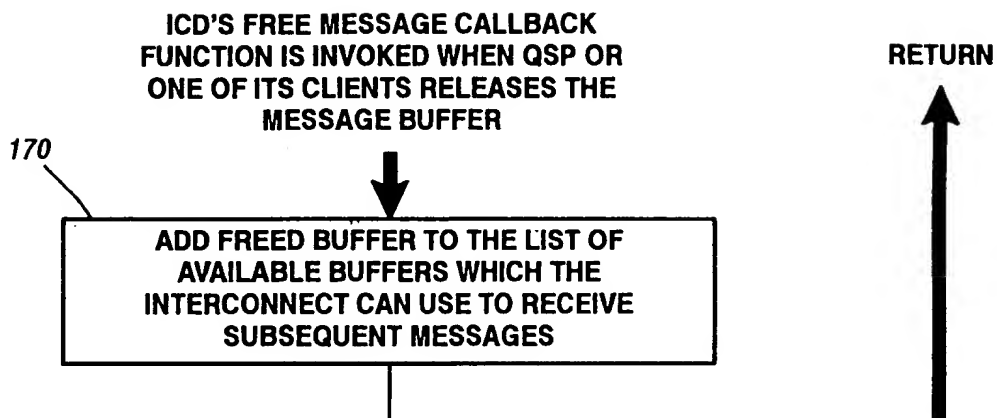


Figure 9F

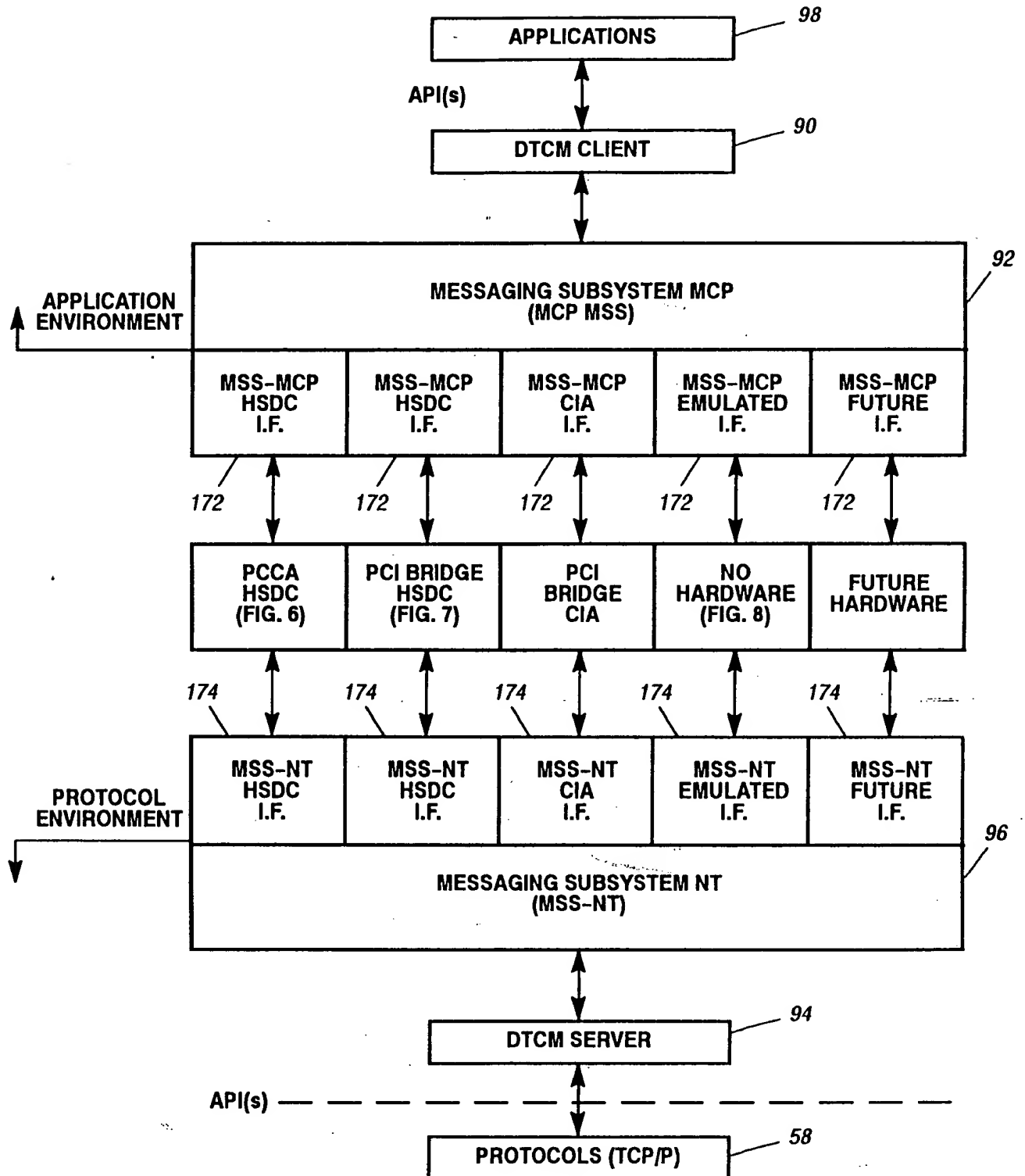


Figure 10

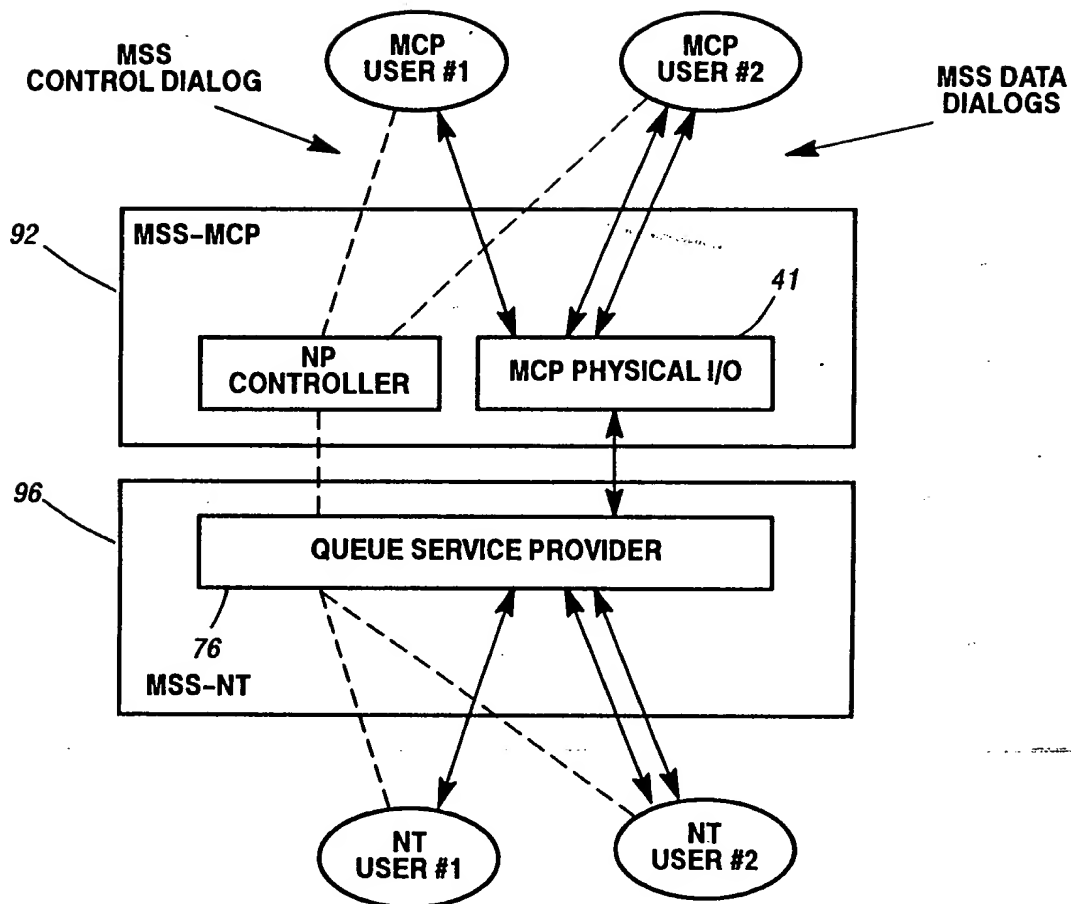
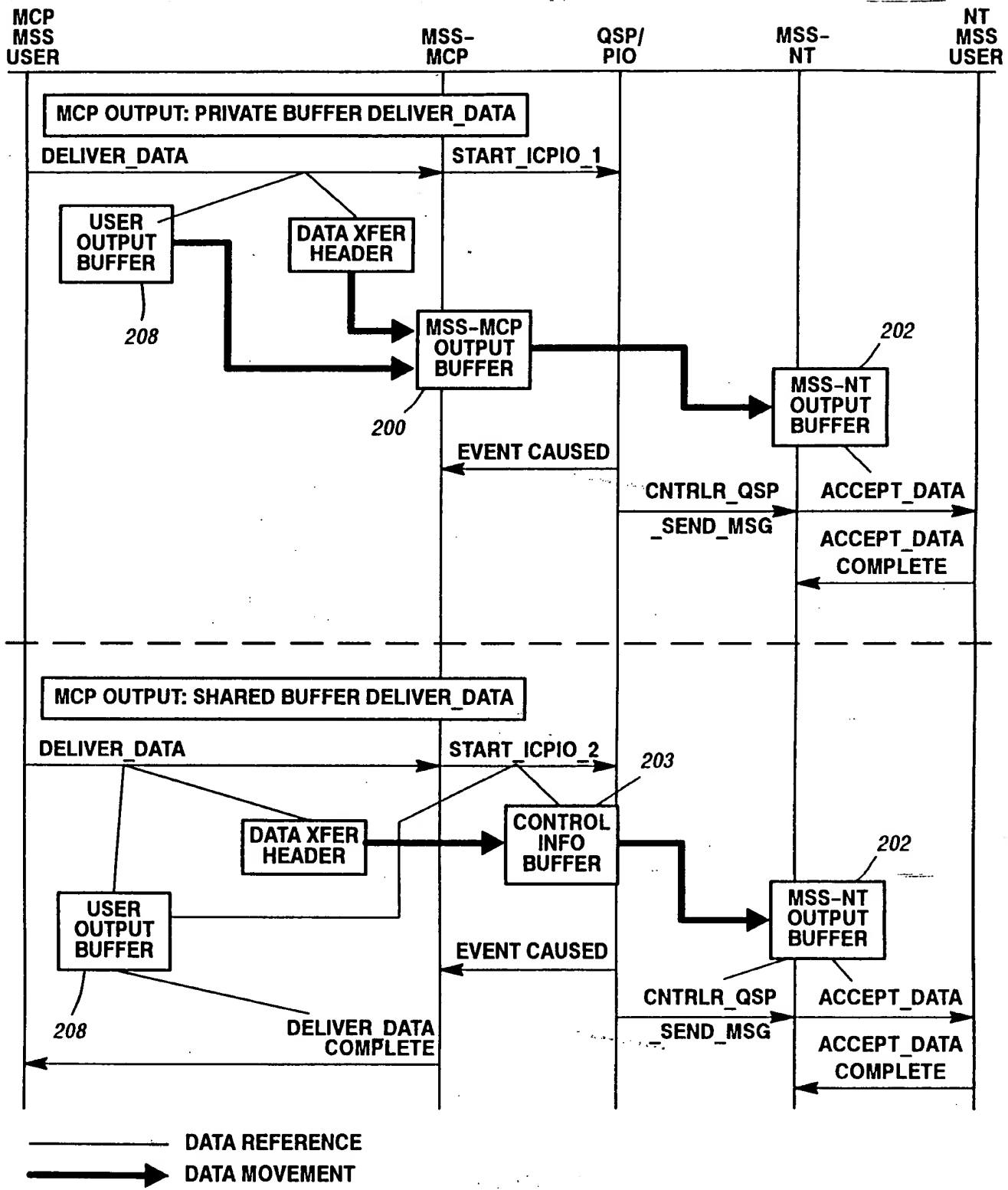
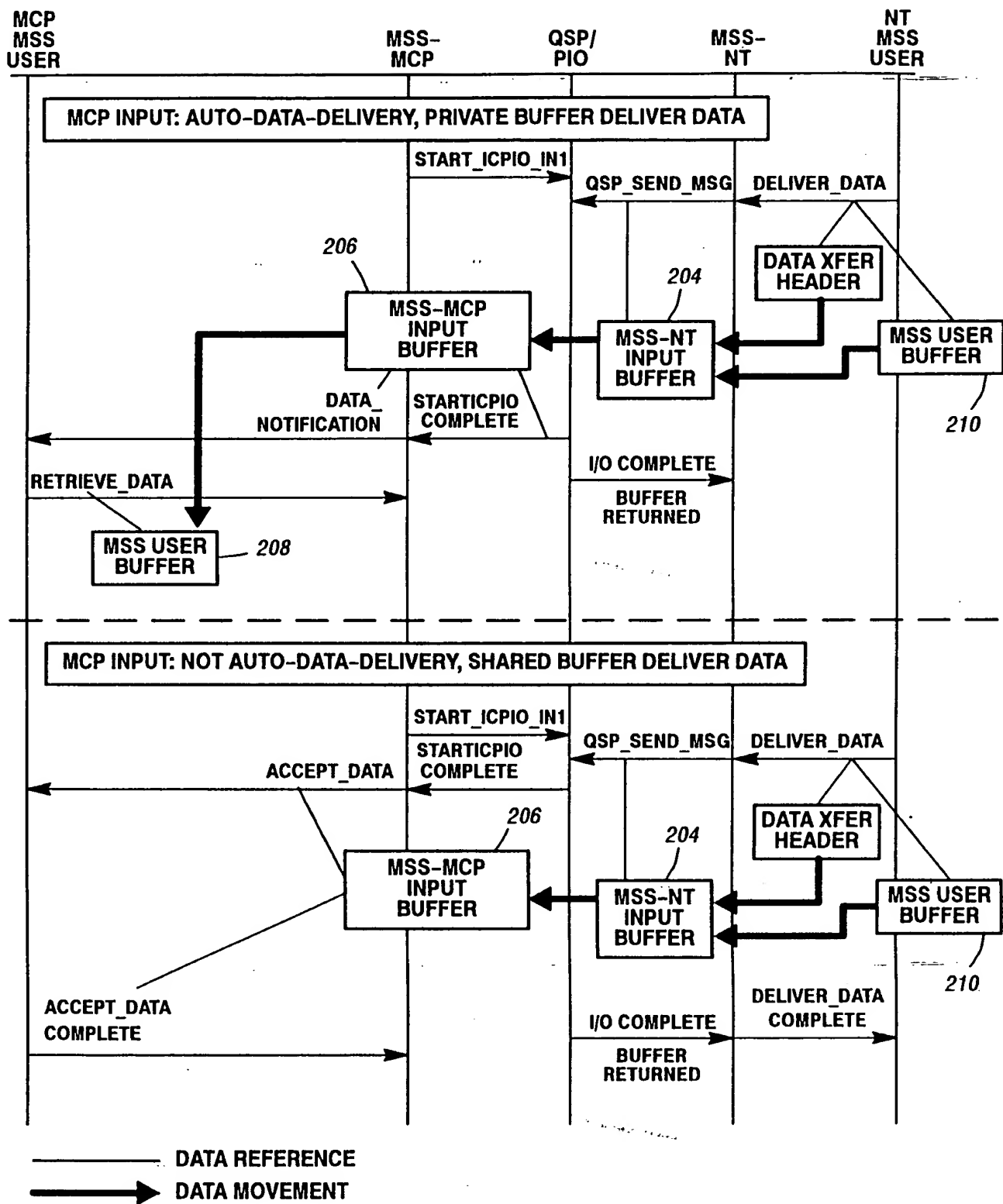


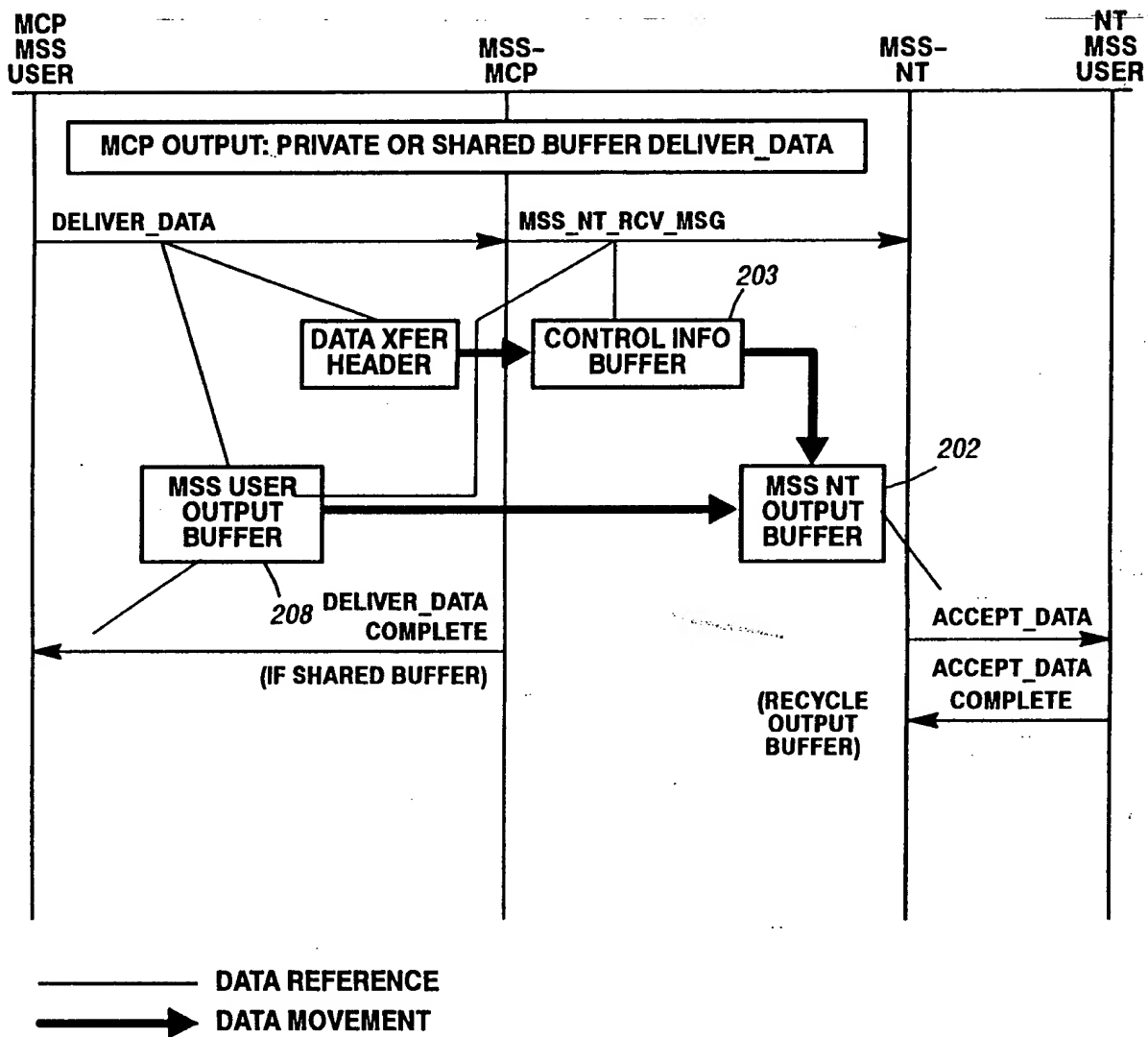
Figure 11



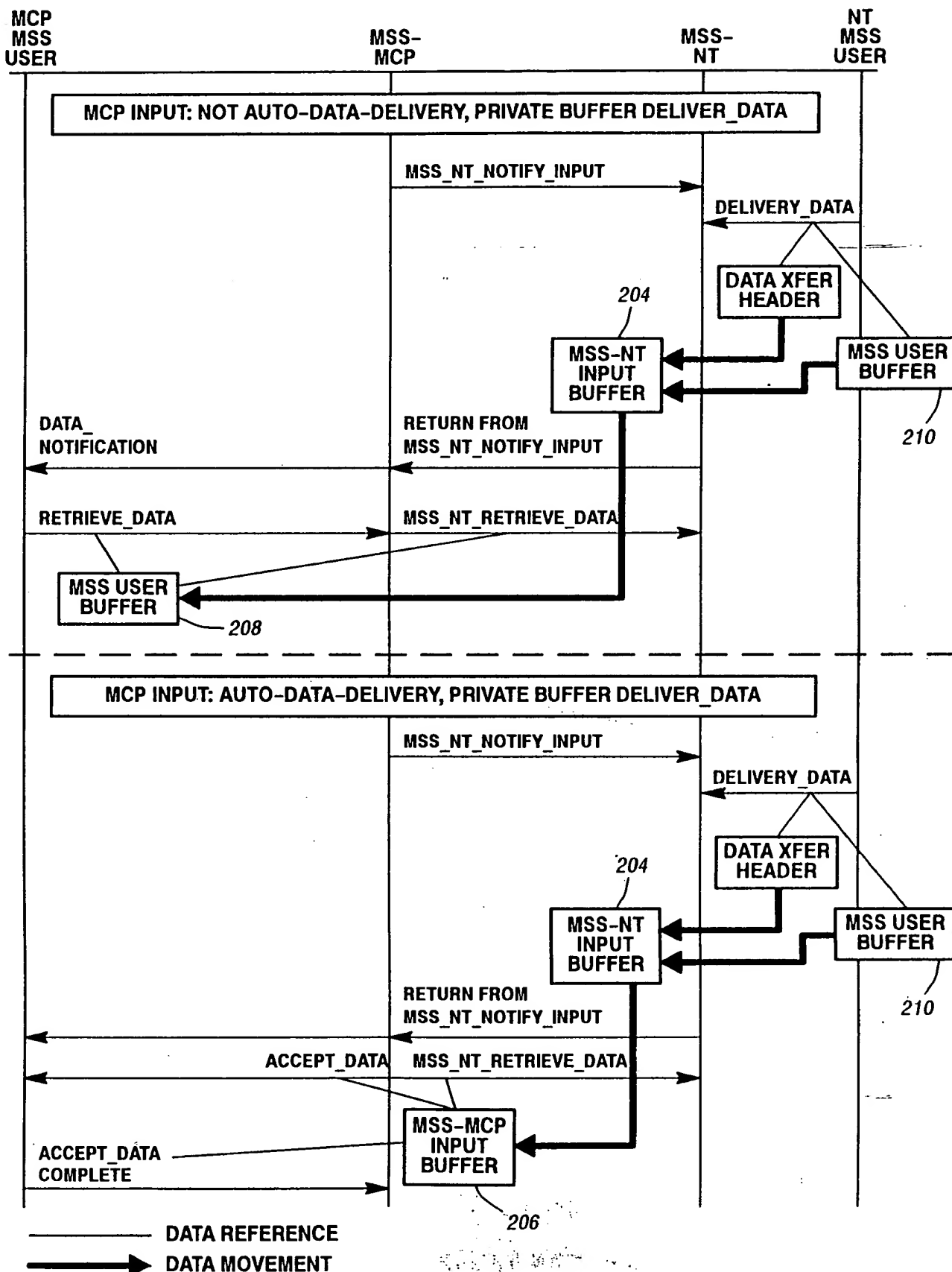
QSP-Based Output Data Transfer Flow Diagram
Figure 12



QSP-Based Input Data Transfer Flow Diagram
Figure 13

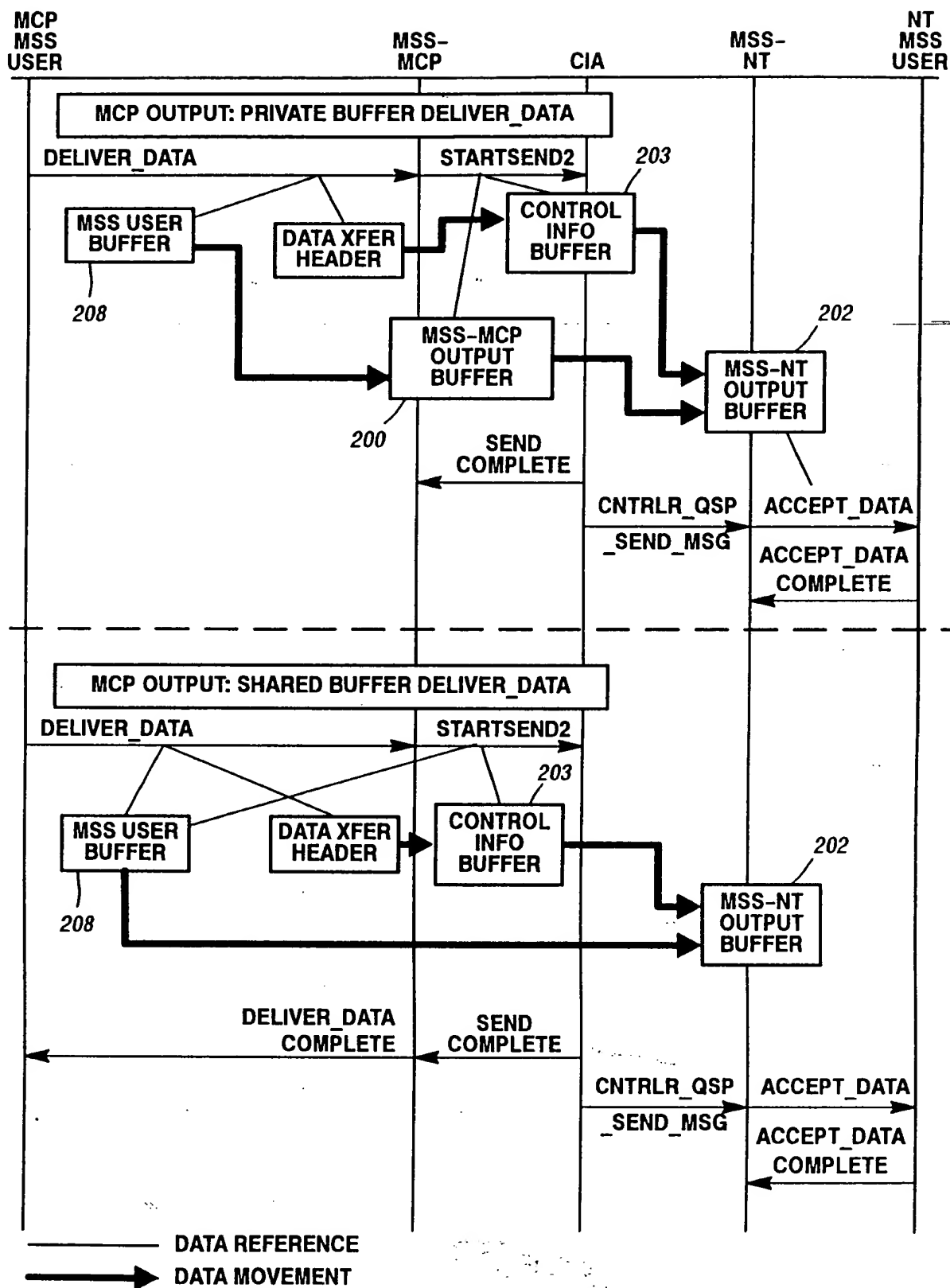


Emulation-Based Output Data Transfer Flow Diagram
Figure 14

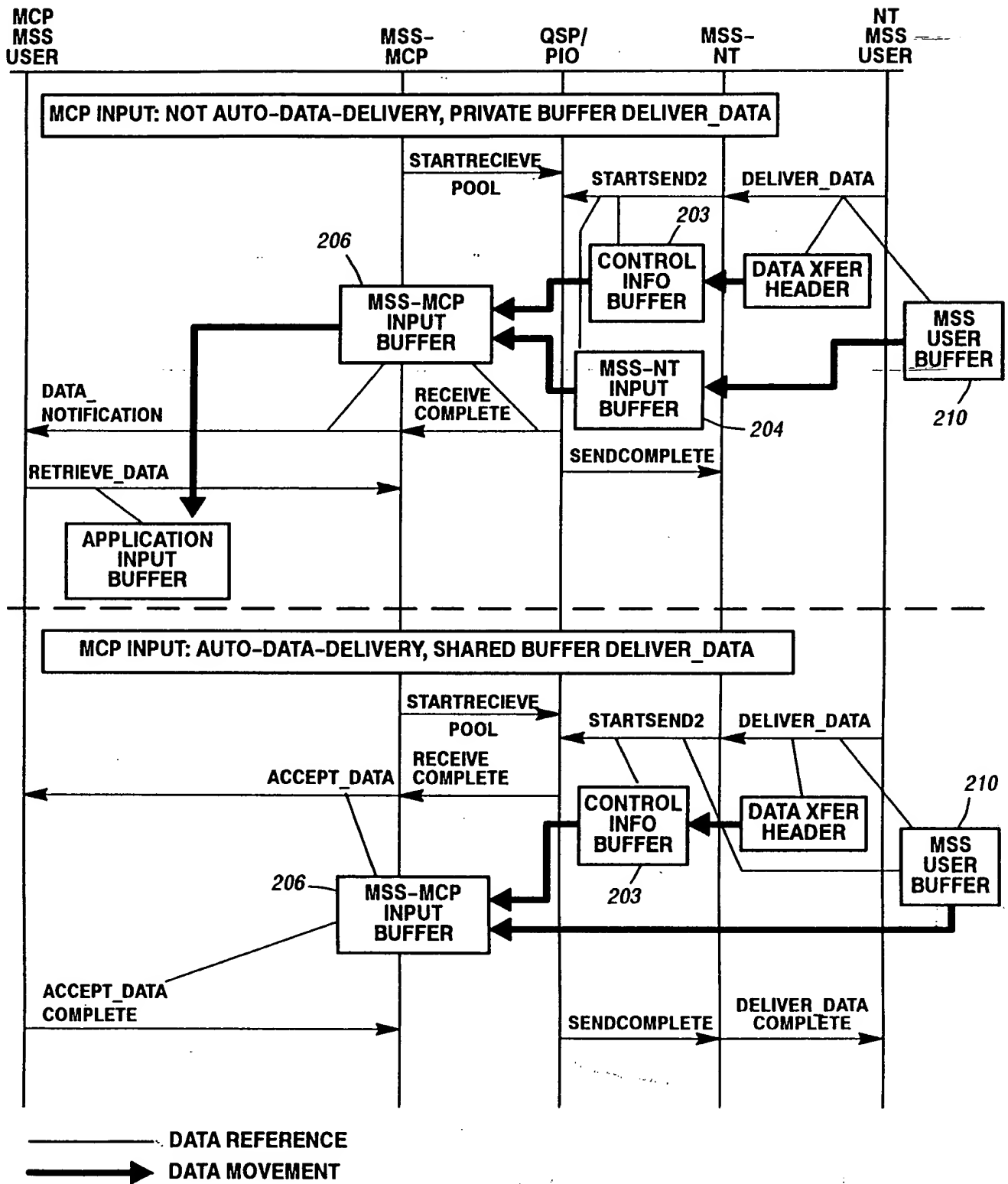


Emulation-Based Input Data Transfer Flow Diagram
Figure 15

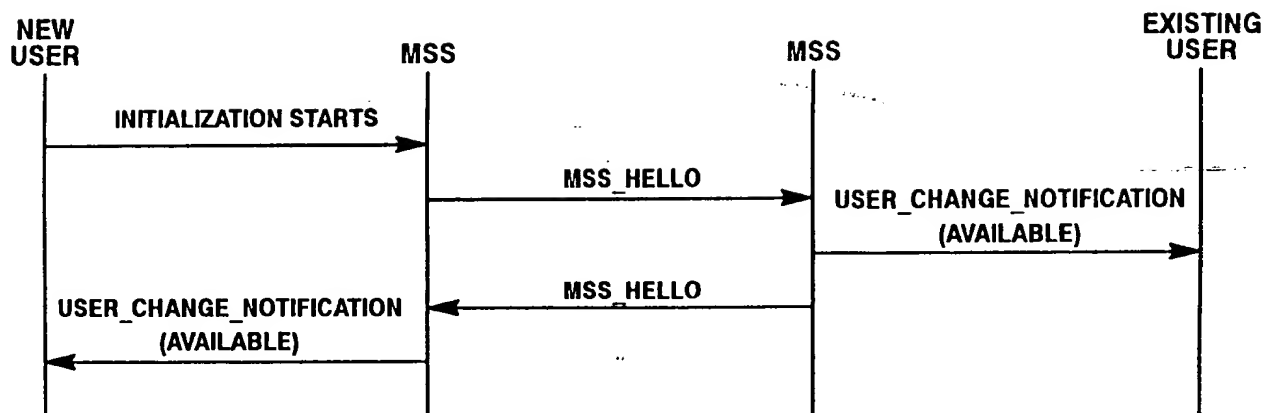
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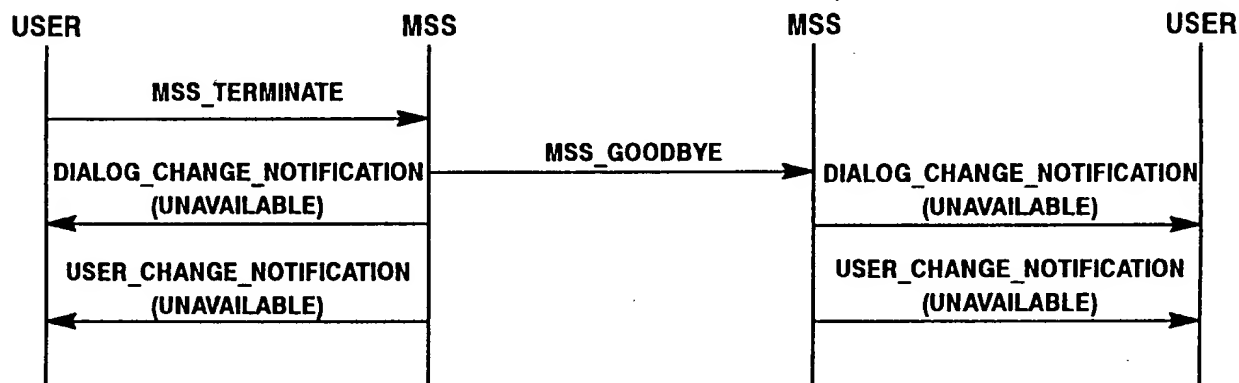
CIA-Based Output Data Transfer Flow Diagram
Figure 16



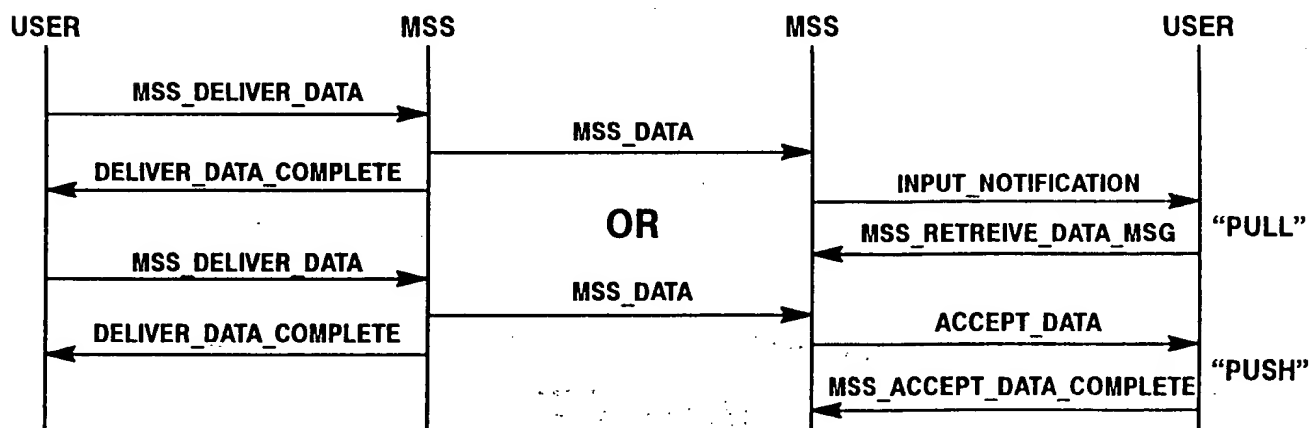
CIA-Based Input Data Transfer Flow Diagram
 Figure 17



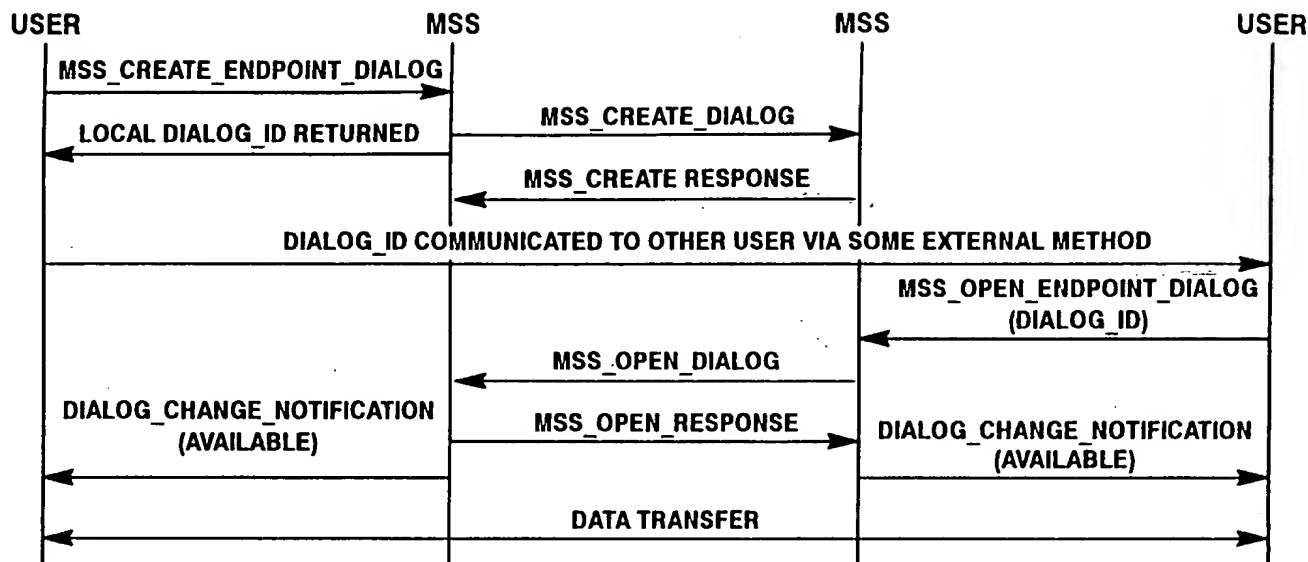
MSS Initialization / Greeting
Figure 18



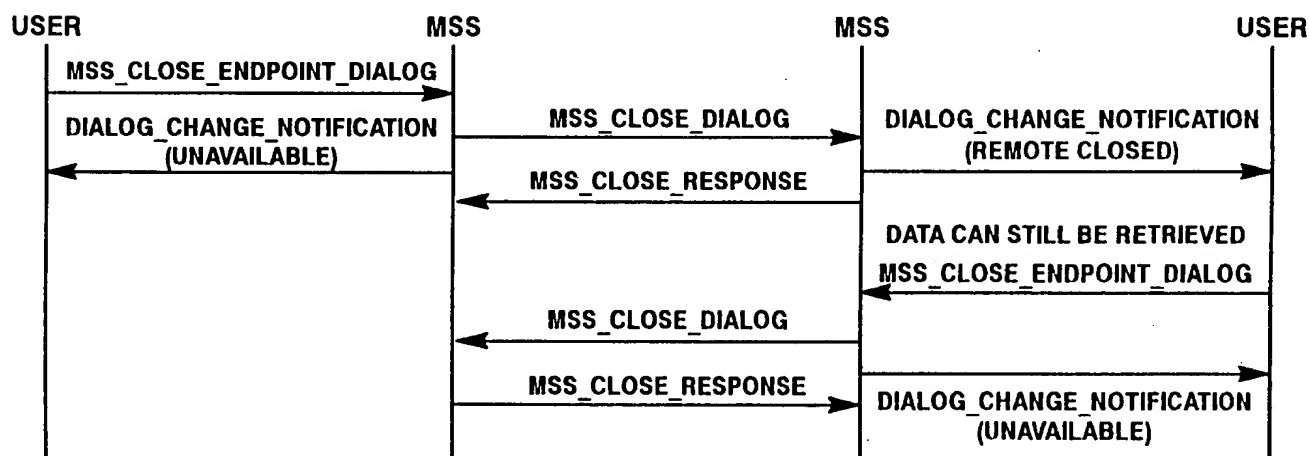
MSS Termination
Figure 19



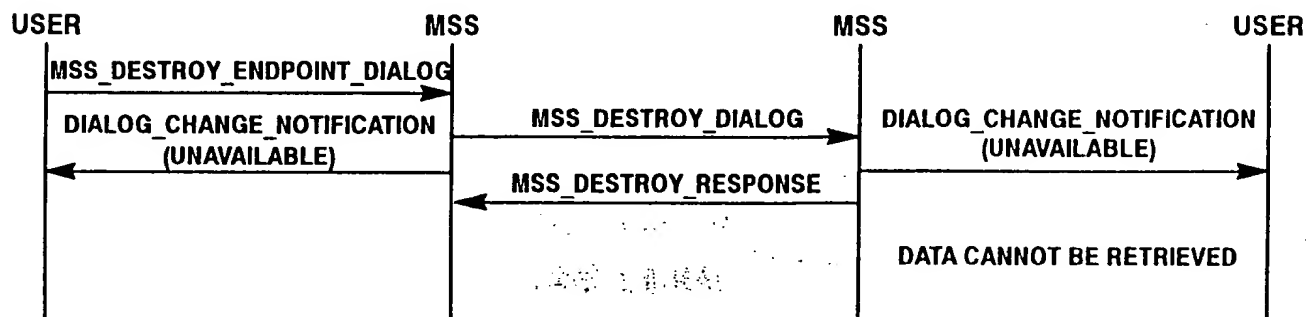
MSS Data Transfer
Figure 20



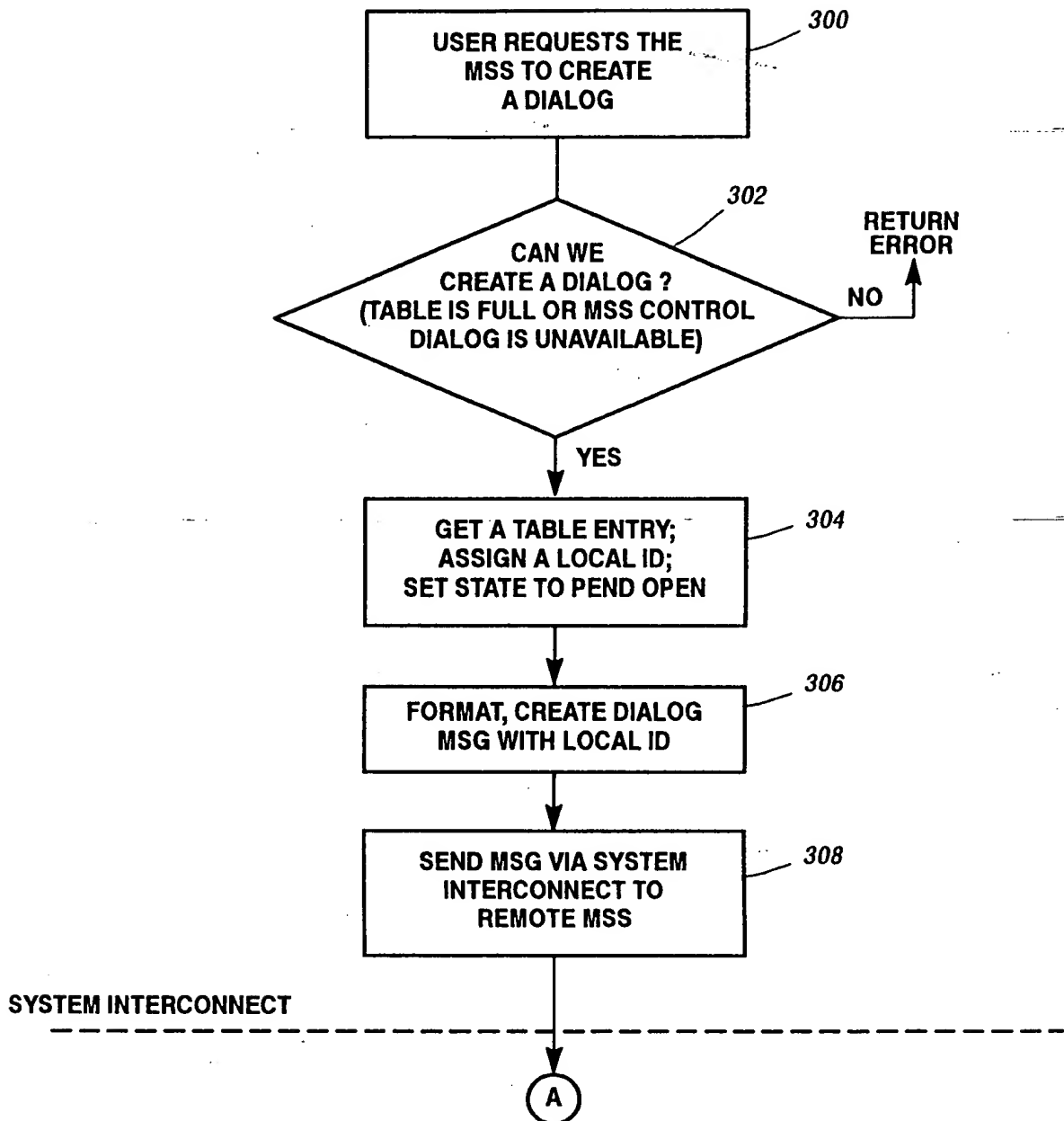
MSS Endpoint Dialog Creation
Figure 21



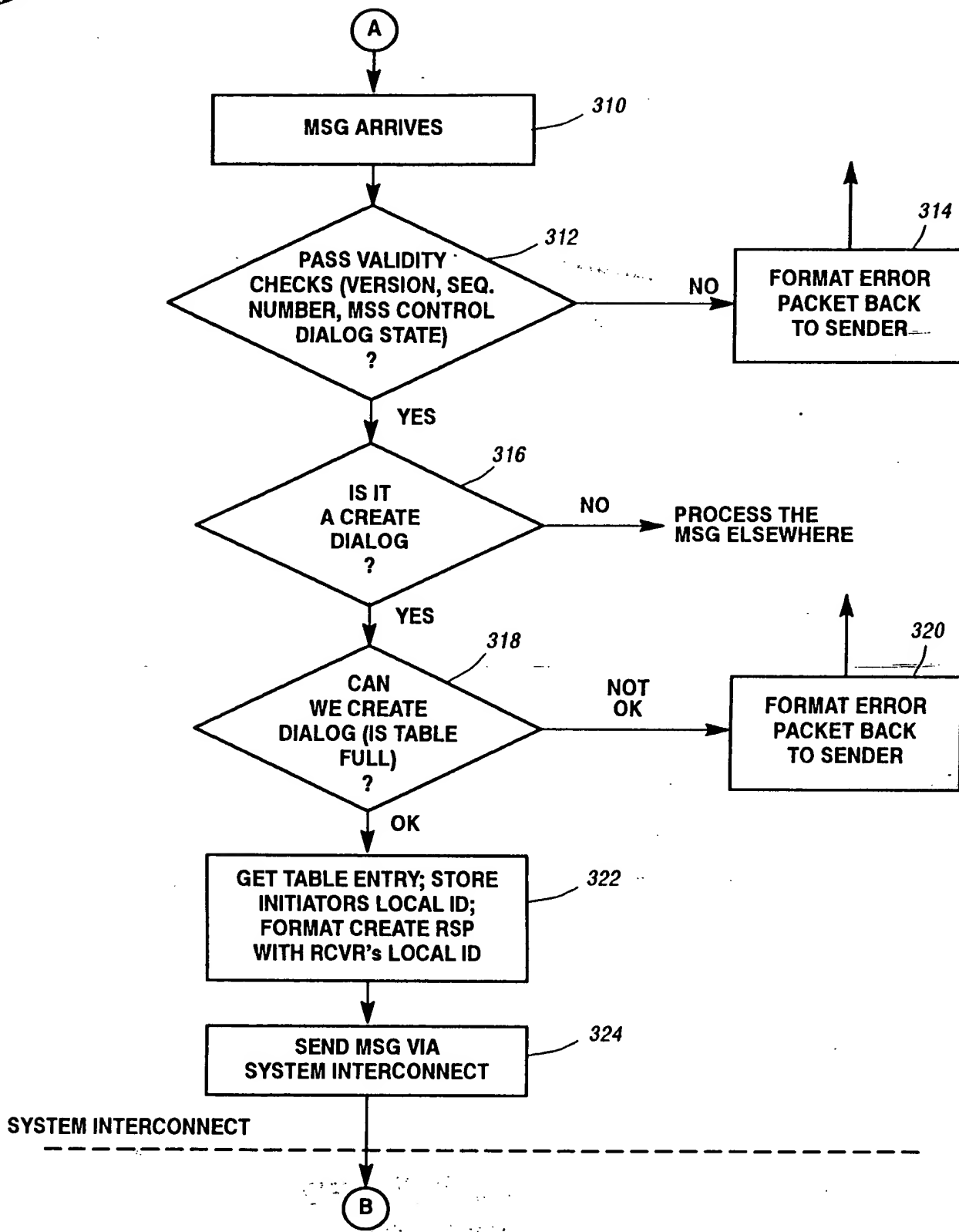
MSS Endpoint Dialog Termination (Normal Close)
Figure 22



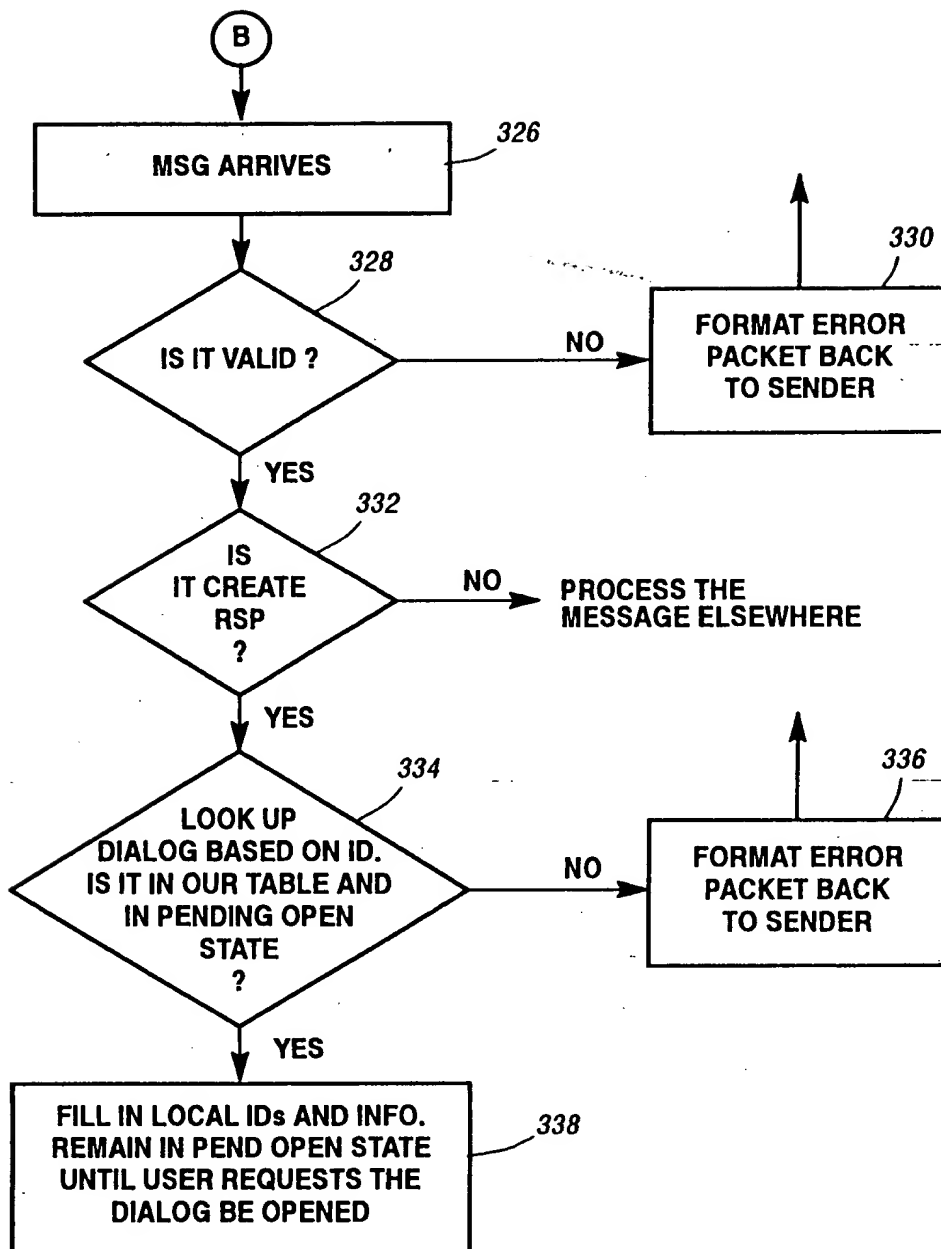
MSS Endpoint Dialog Termination (Destroy)
Figure 23



Dialog Establishment (MSS)
Figure 24(a)

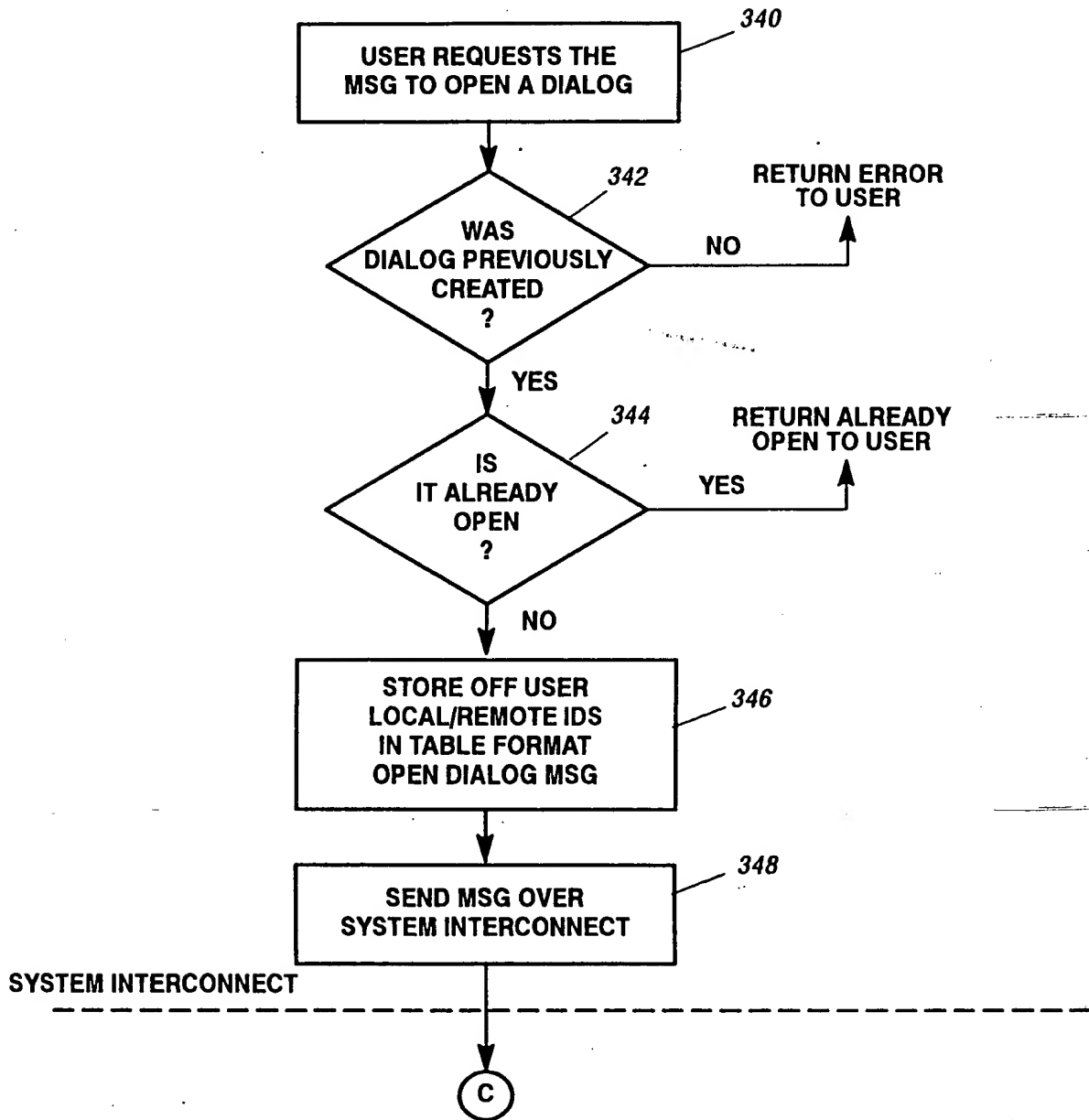


Dialog Establishment (MSS)
Figure 24(b)

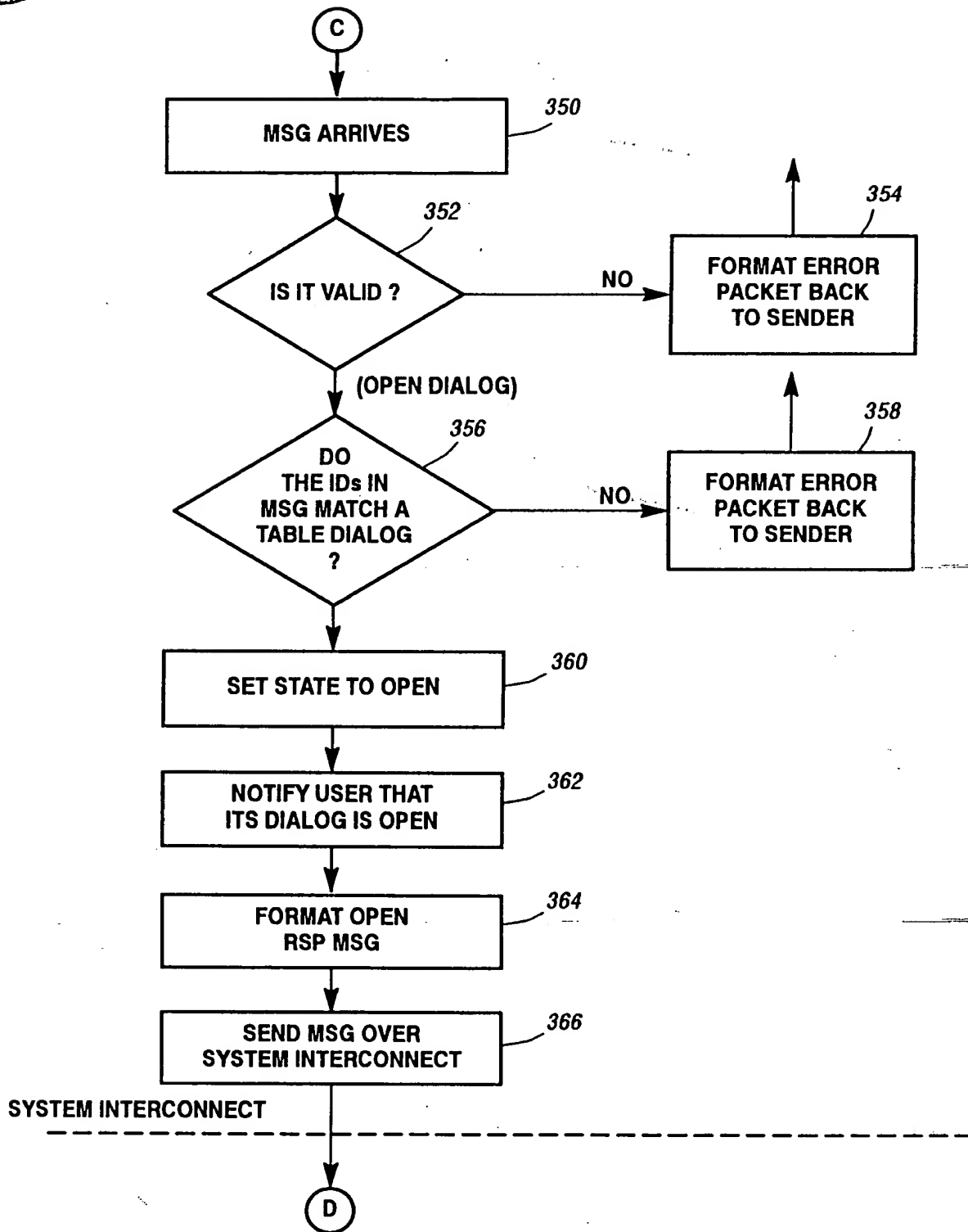


Dialog Establishment (MSS)

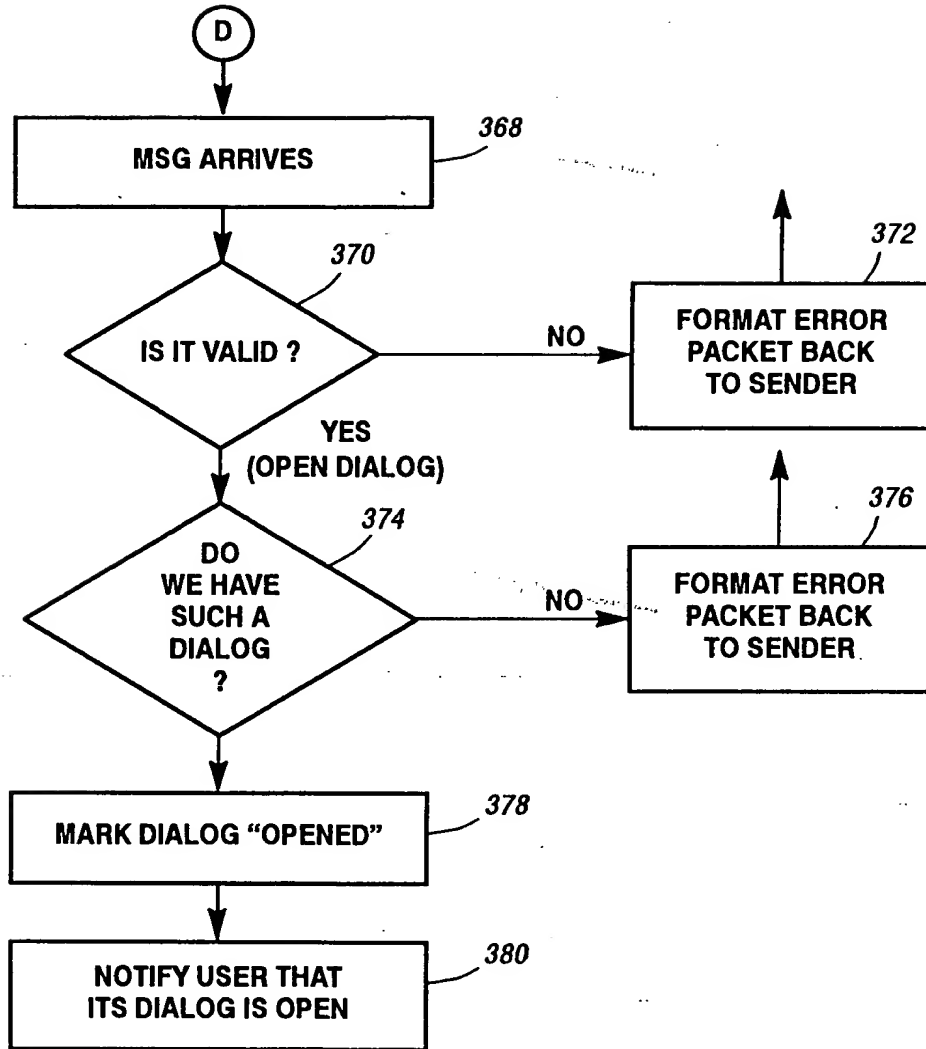
Figure 24(c)



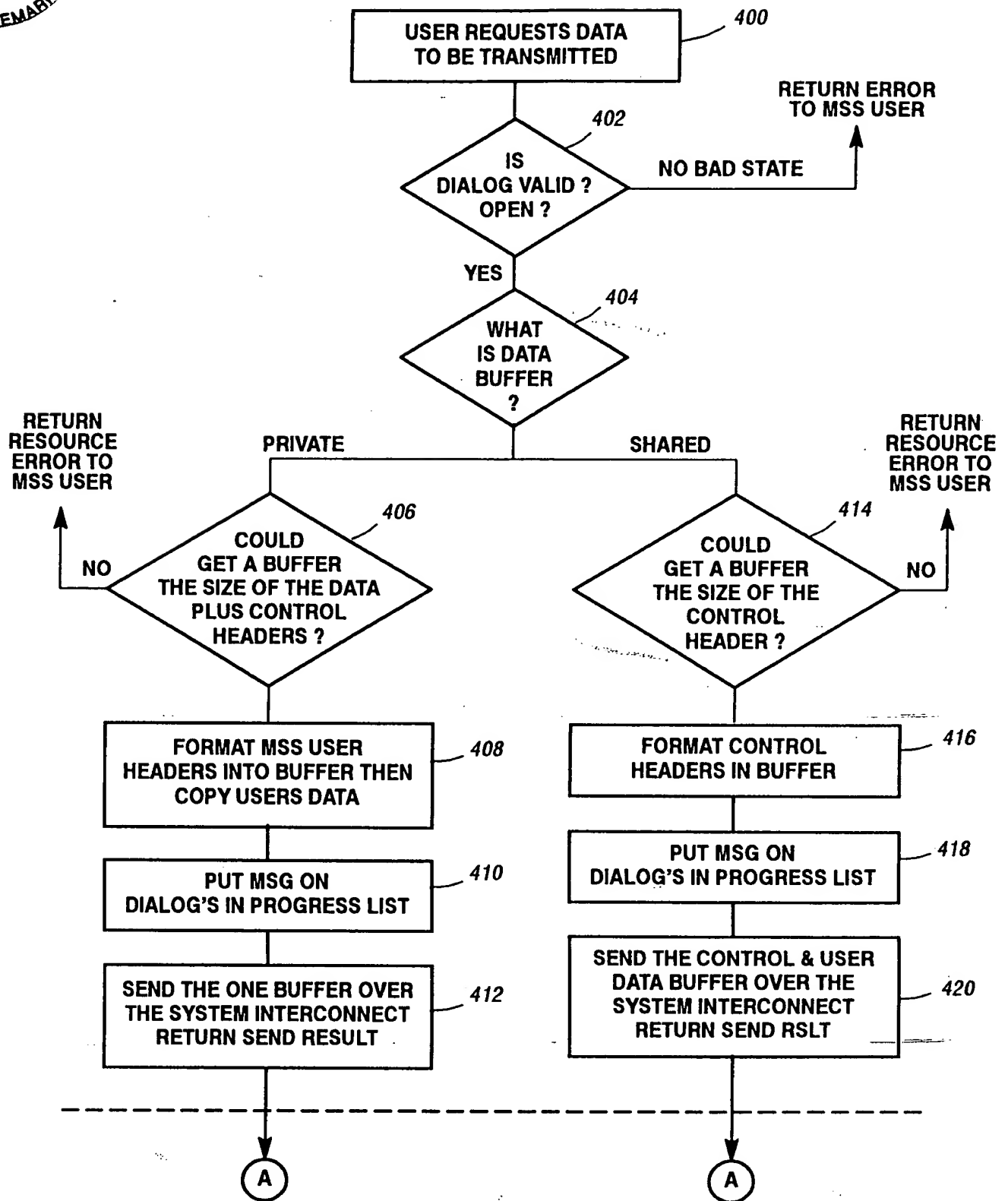
Dialog Establishment (MSS)
Figure 24(d)



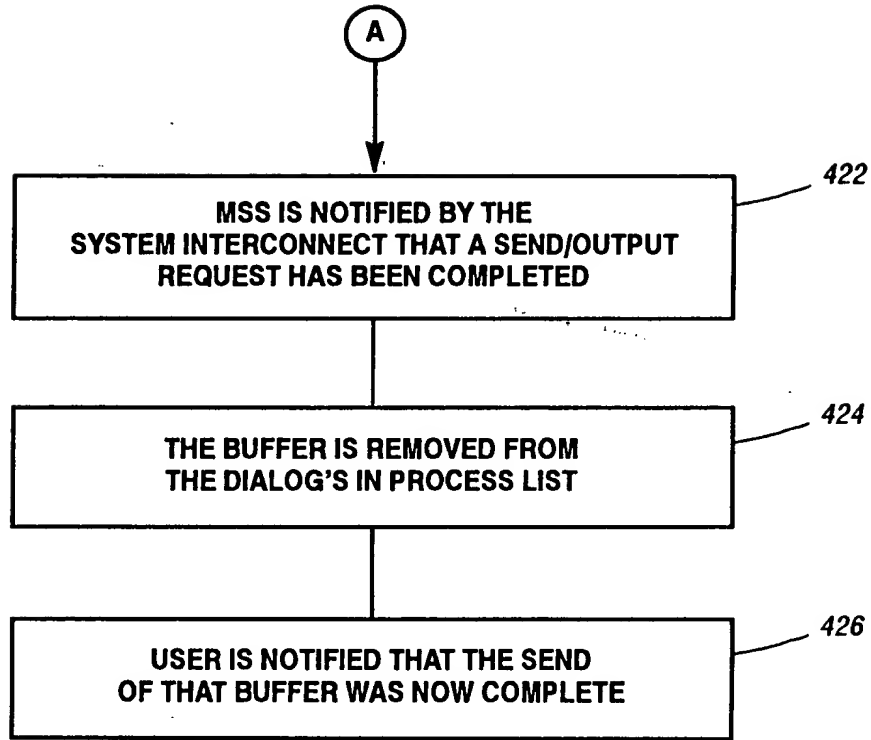
Dialog Establishment
Figure 24(e)



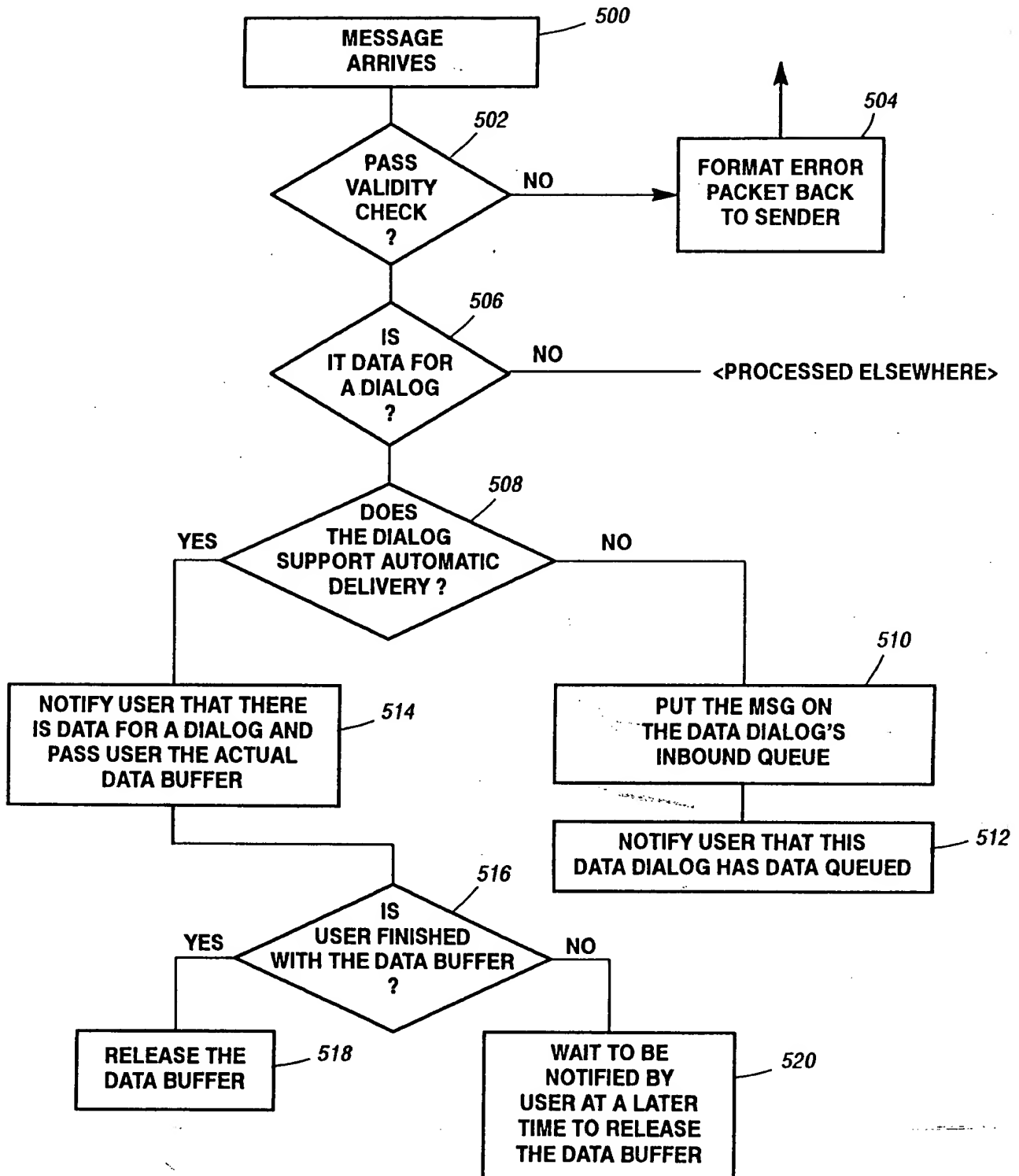
Dialog Establishment (MSS)
Figure 24(f)



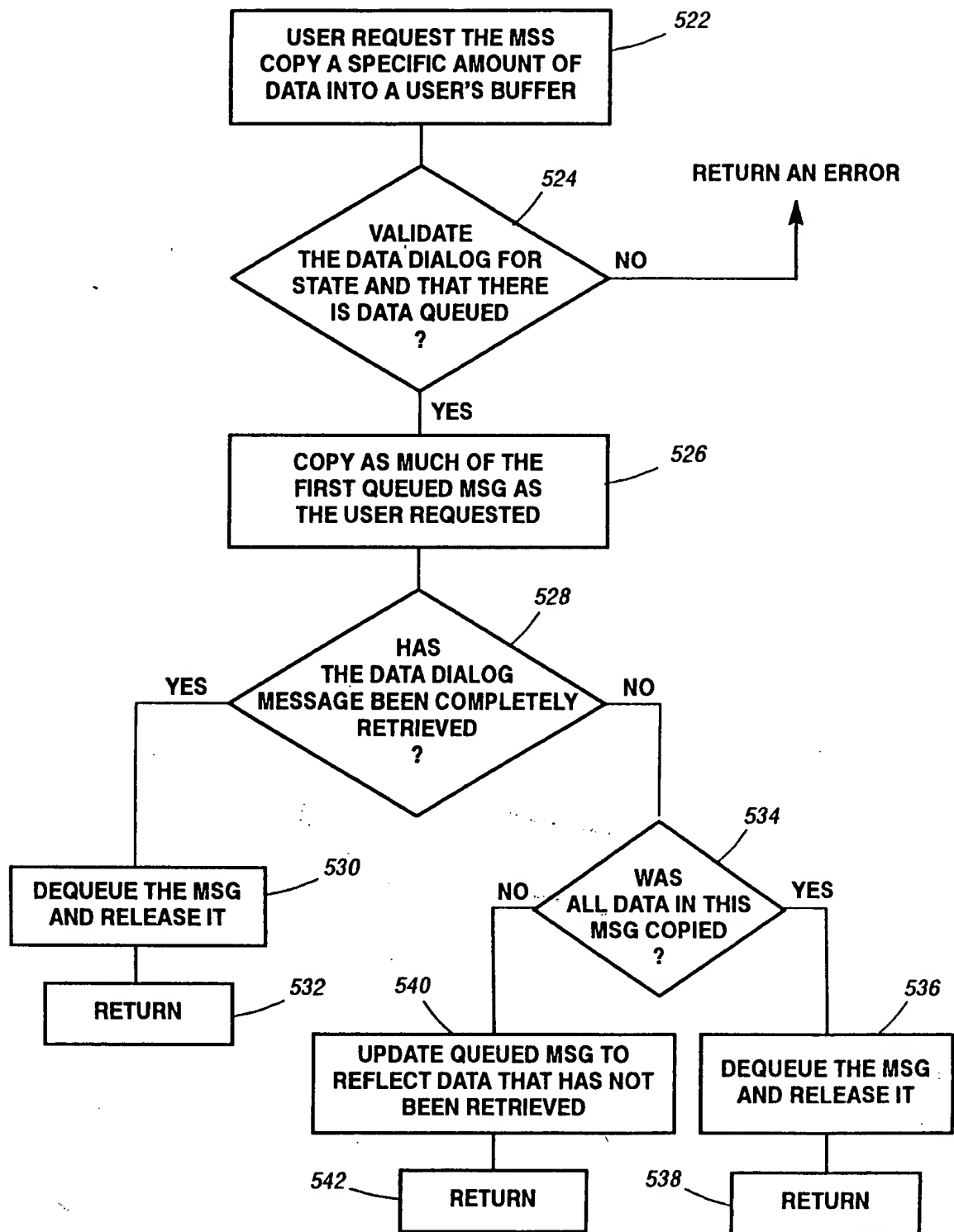
Output Over MSS
Figure 25(a)



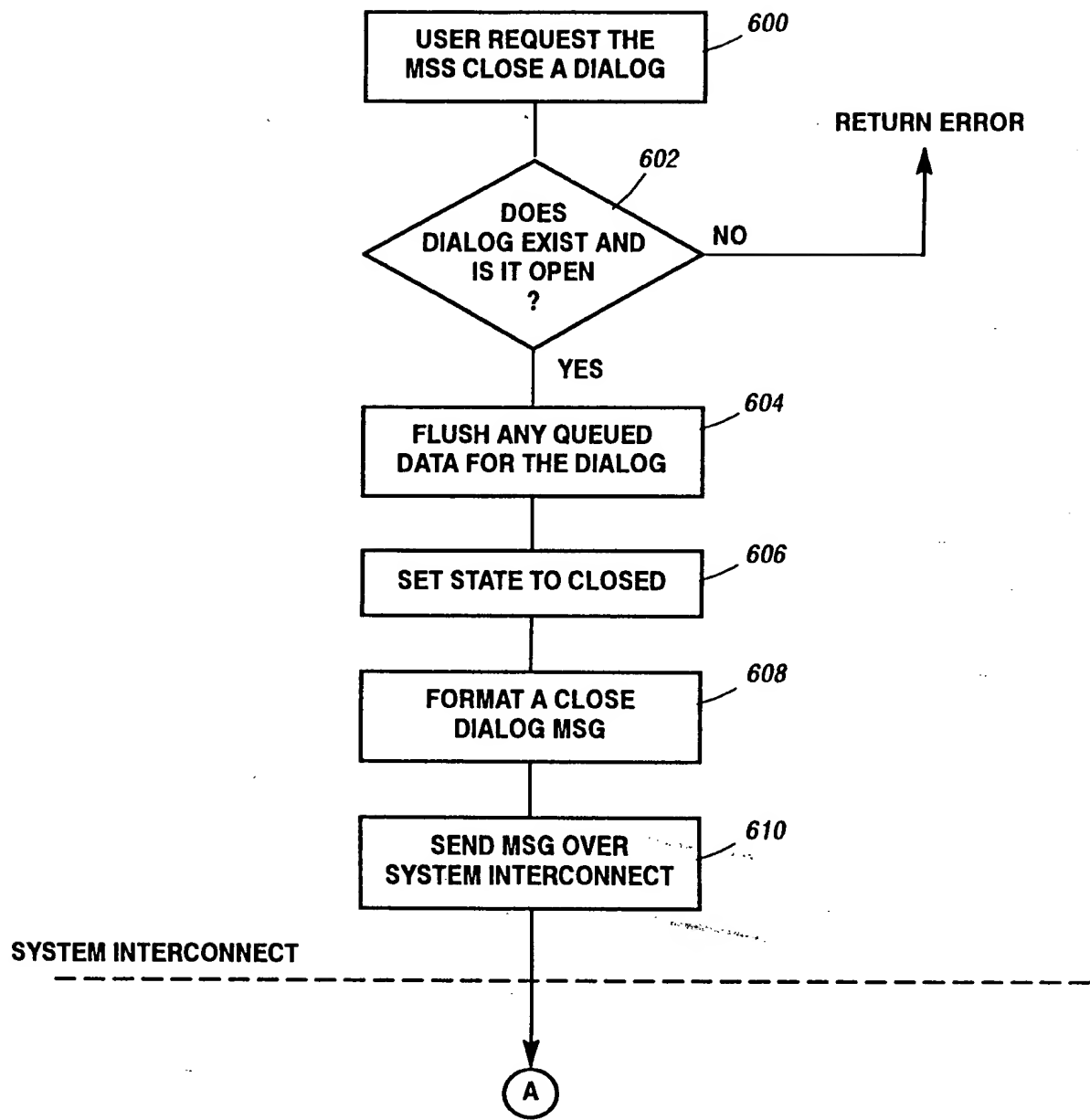
Output
Figure 25(b)



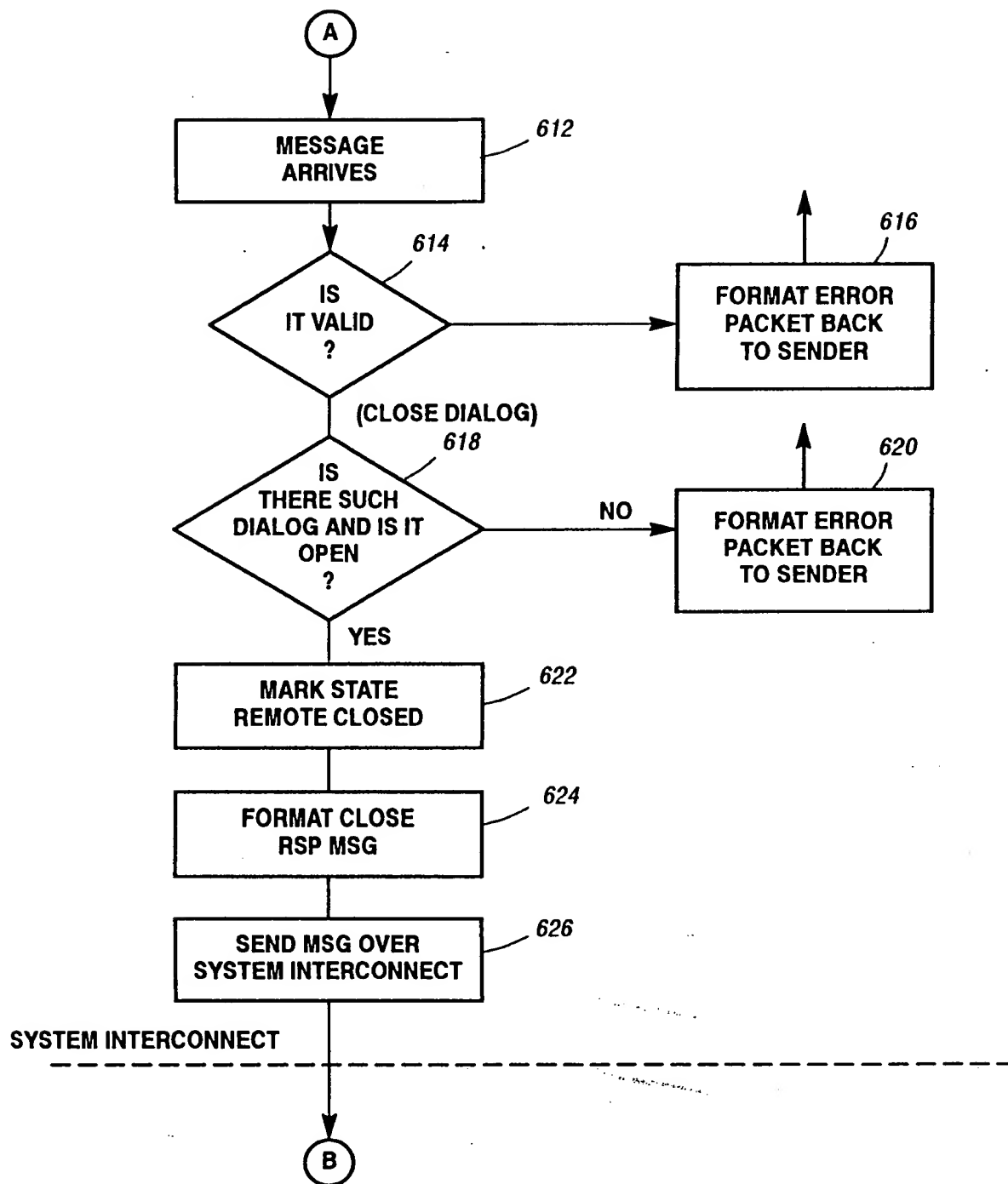
Input From MSS
Figure 26(a)



Input From MSS
Figure 26(b)

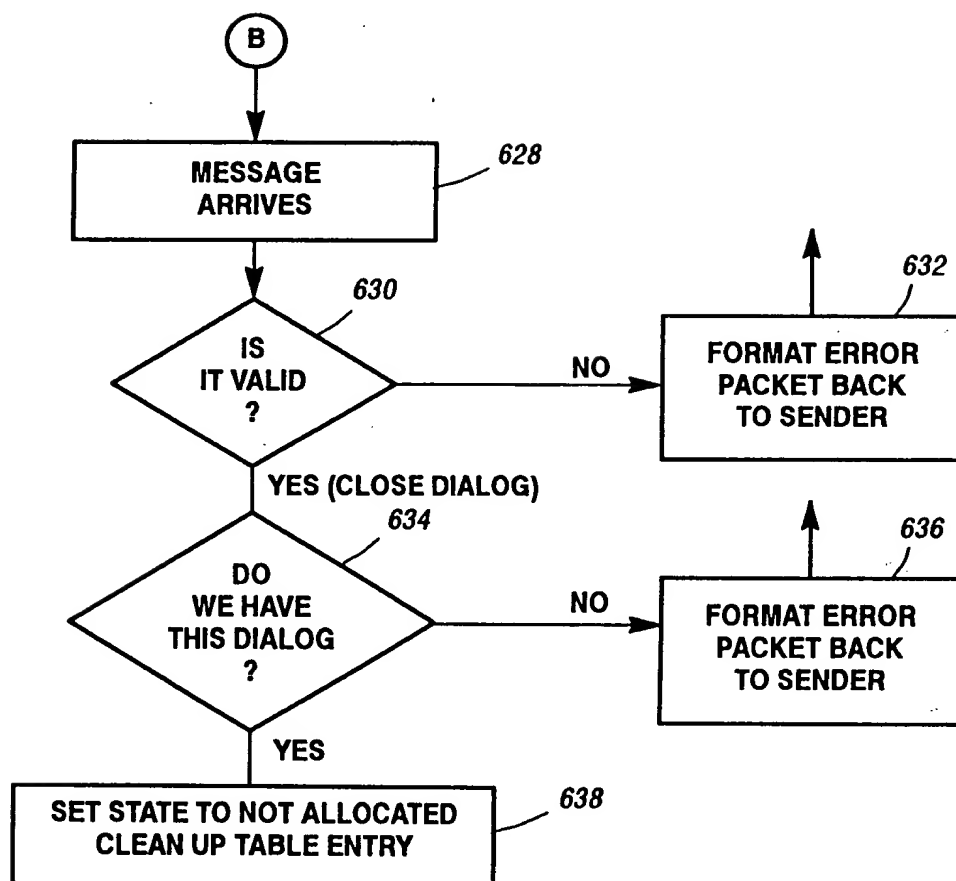


Dialog Termination (MSS)
Figure 27(a)



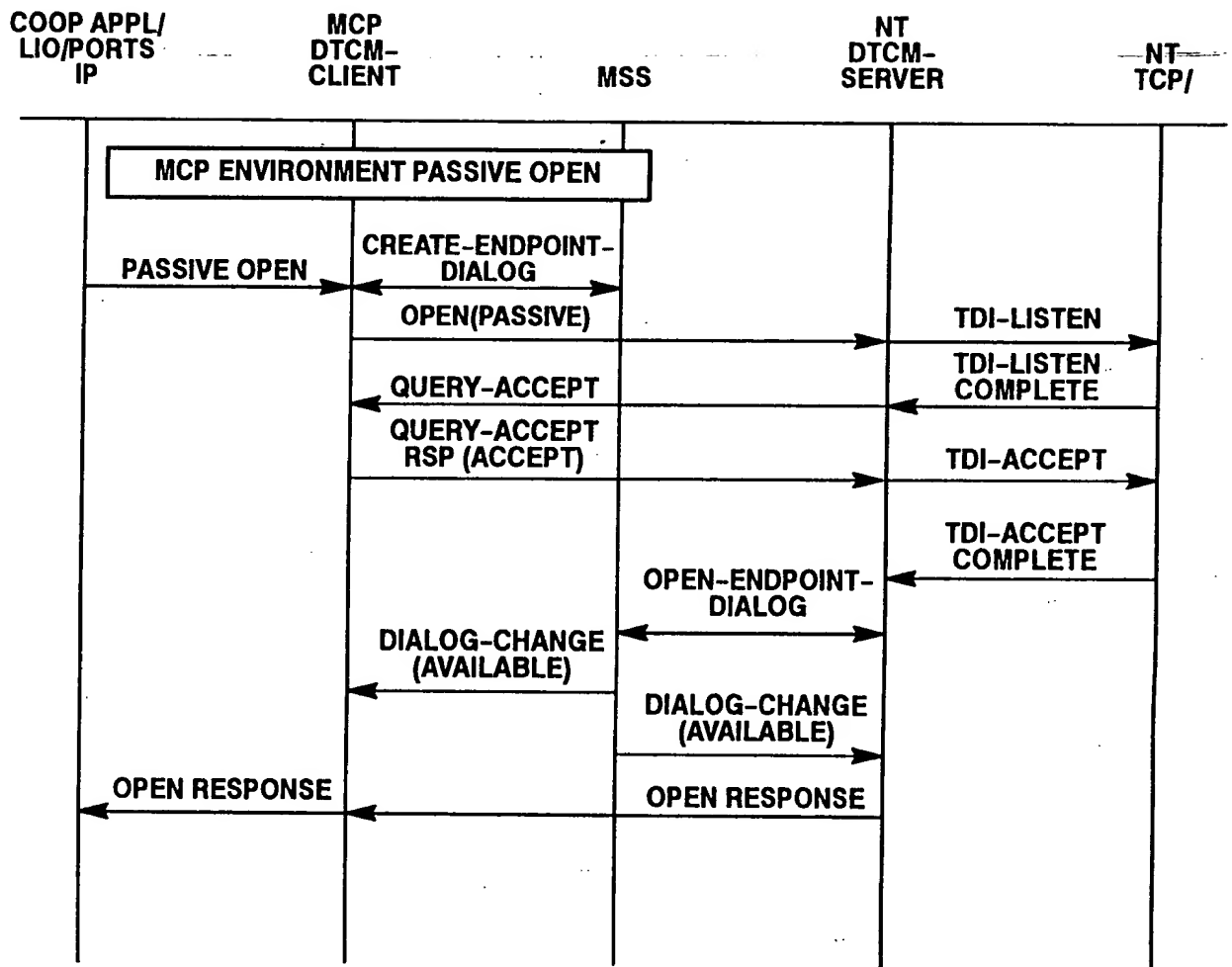
Dialog Termination (MSS)

Figure 27(b)

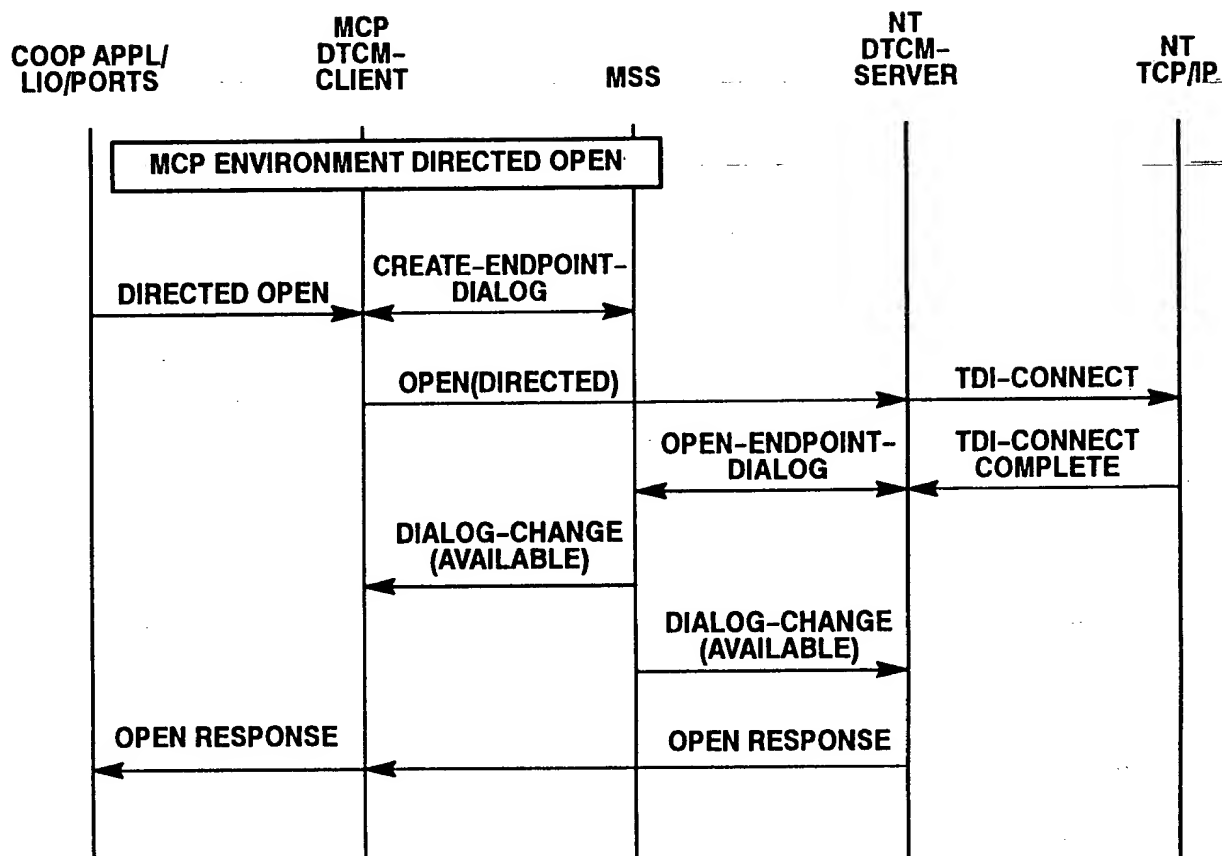


Dialog Termination (MSS)

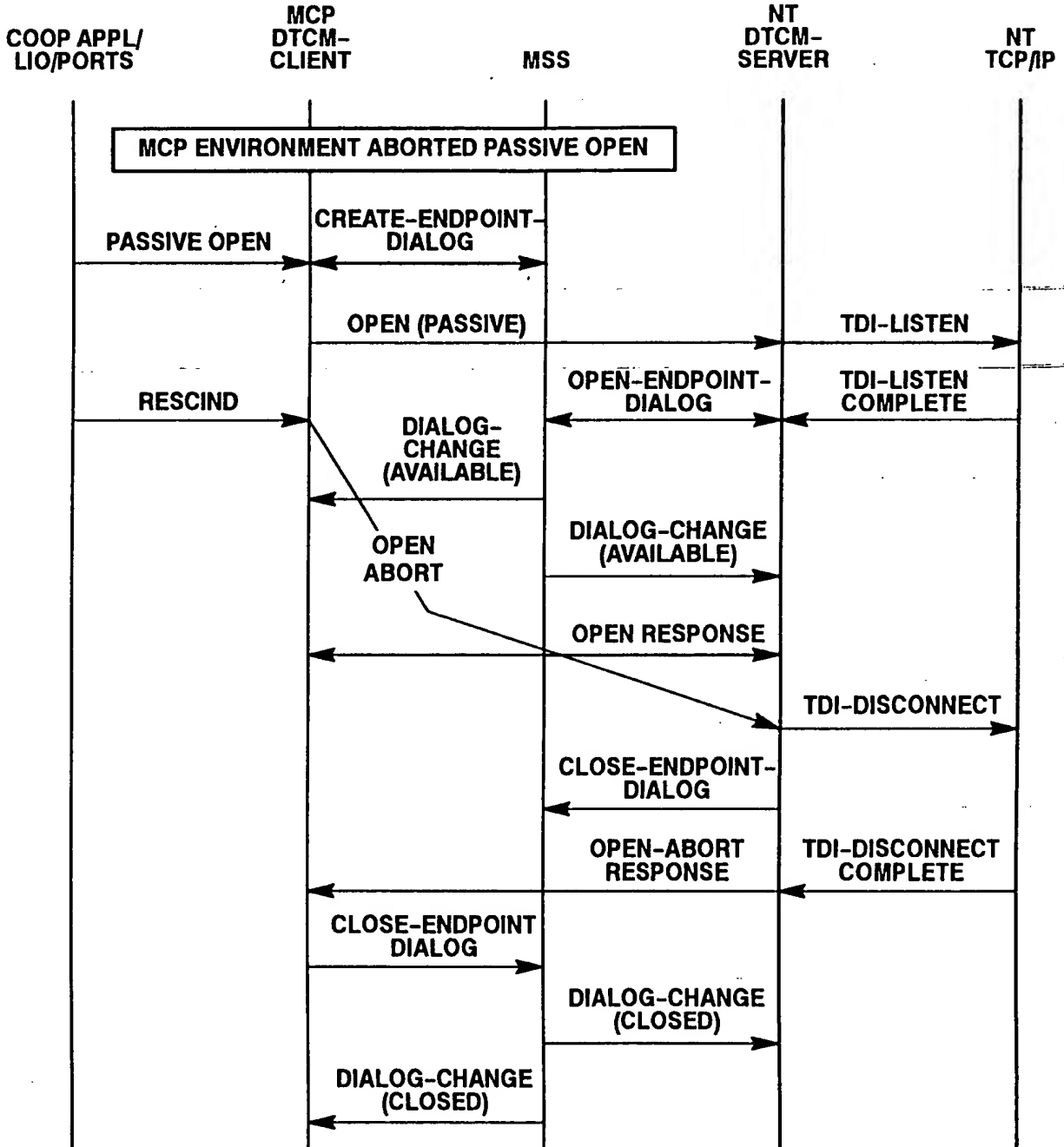
Figure 27(c)



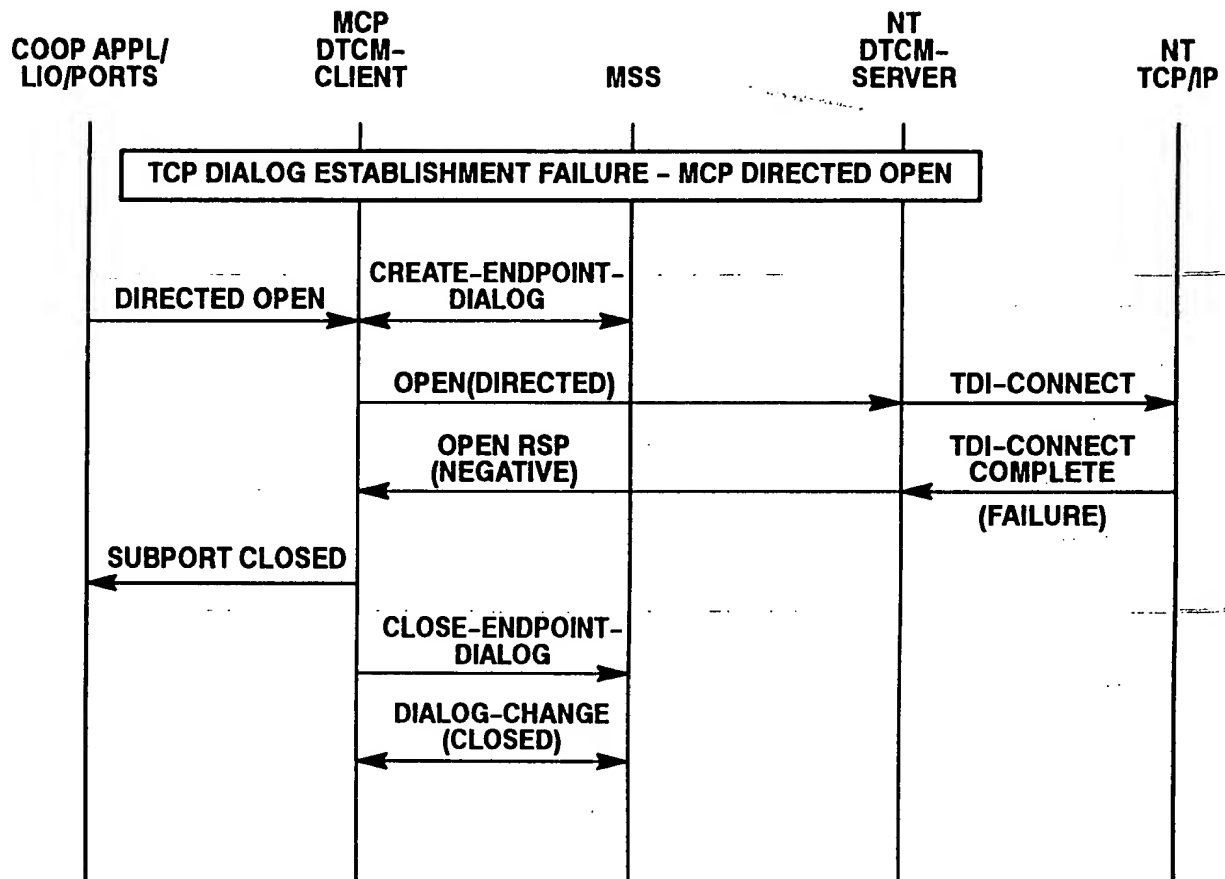
Normal MCP Passive Open
Figure 28



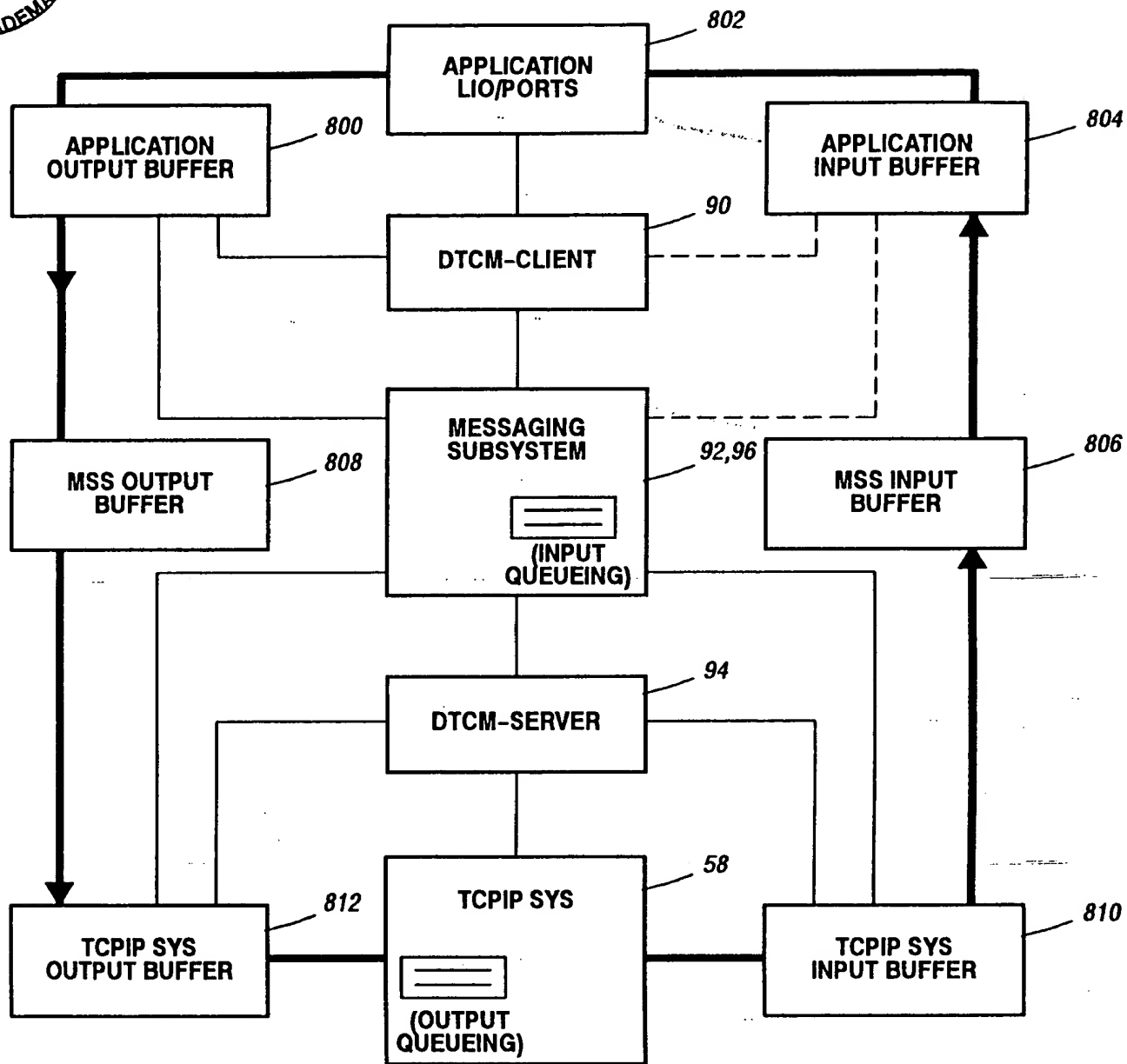
Normal MCP Environment Directed Opens
Figure 29



MCP Aborted Passive Open
Figure 30

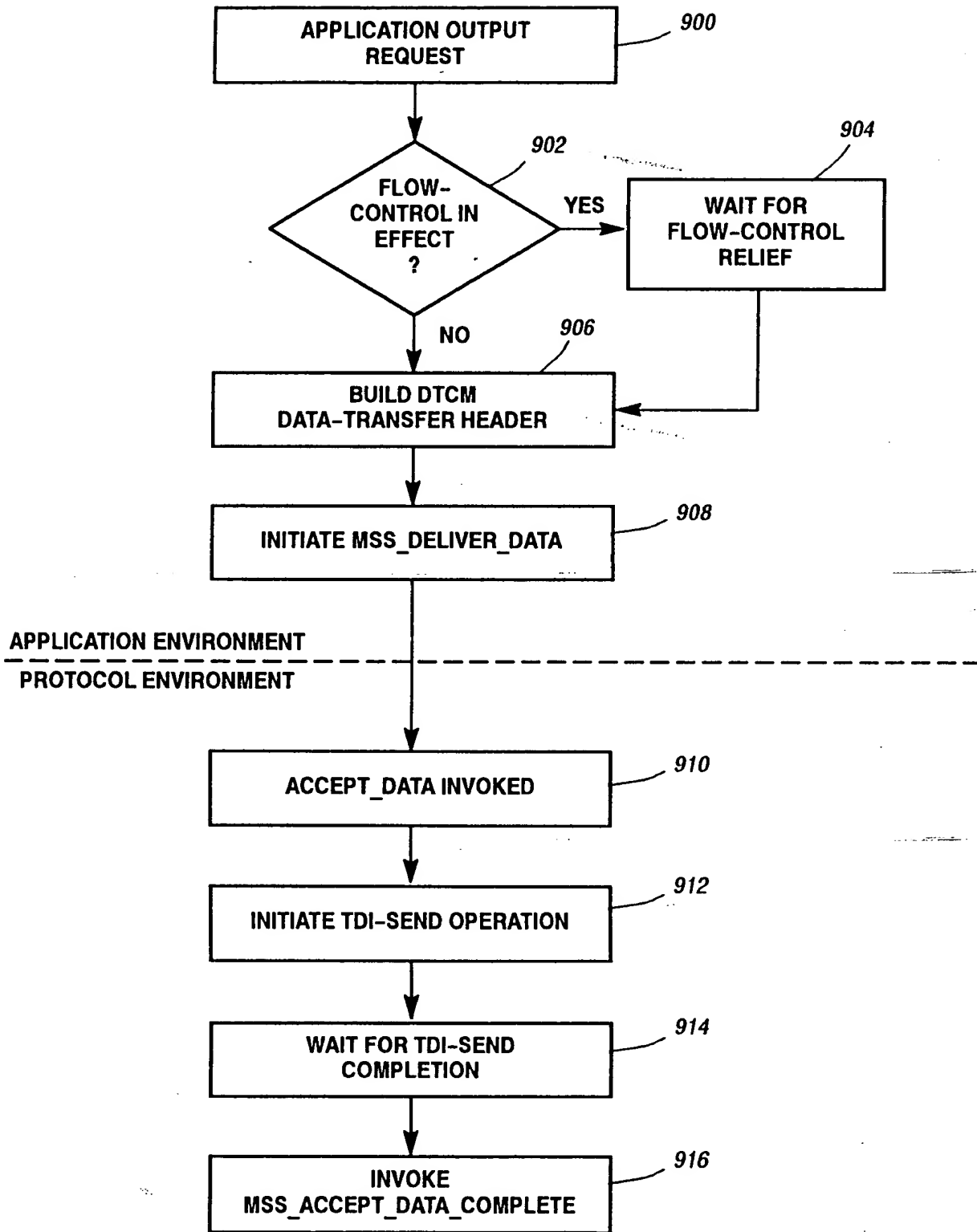


TCP Dialog Establishment Failure
Figure 31

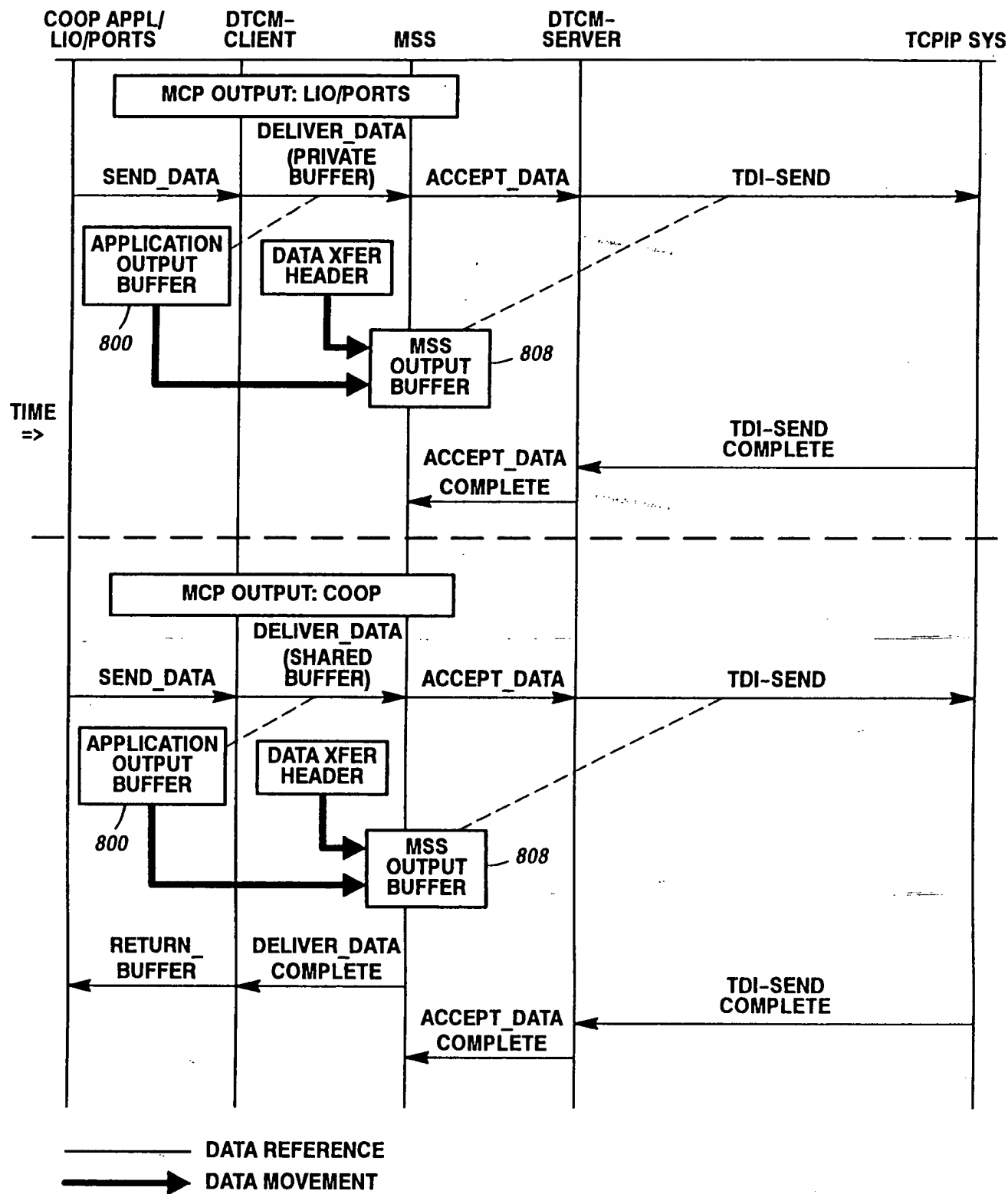


→ DATA MOVEMENT
— BUFFER MANAGEMENT (INCLUDES READ/WRITE ACCESS)
- - - WRITE ACCESS
— READ ACCESS

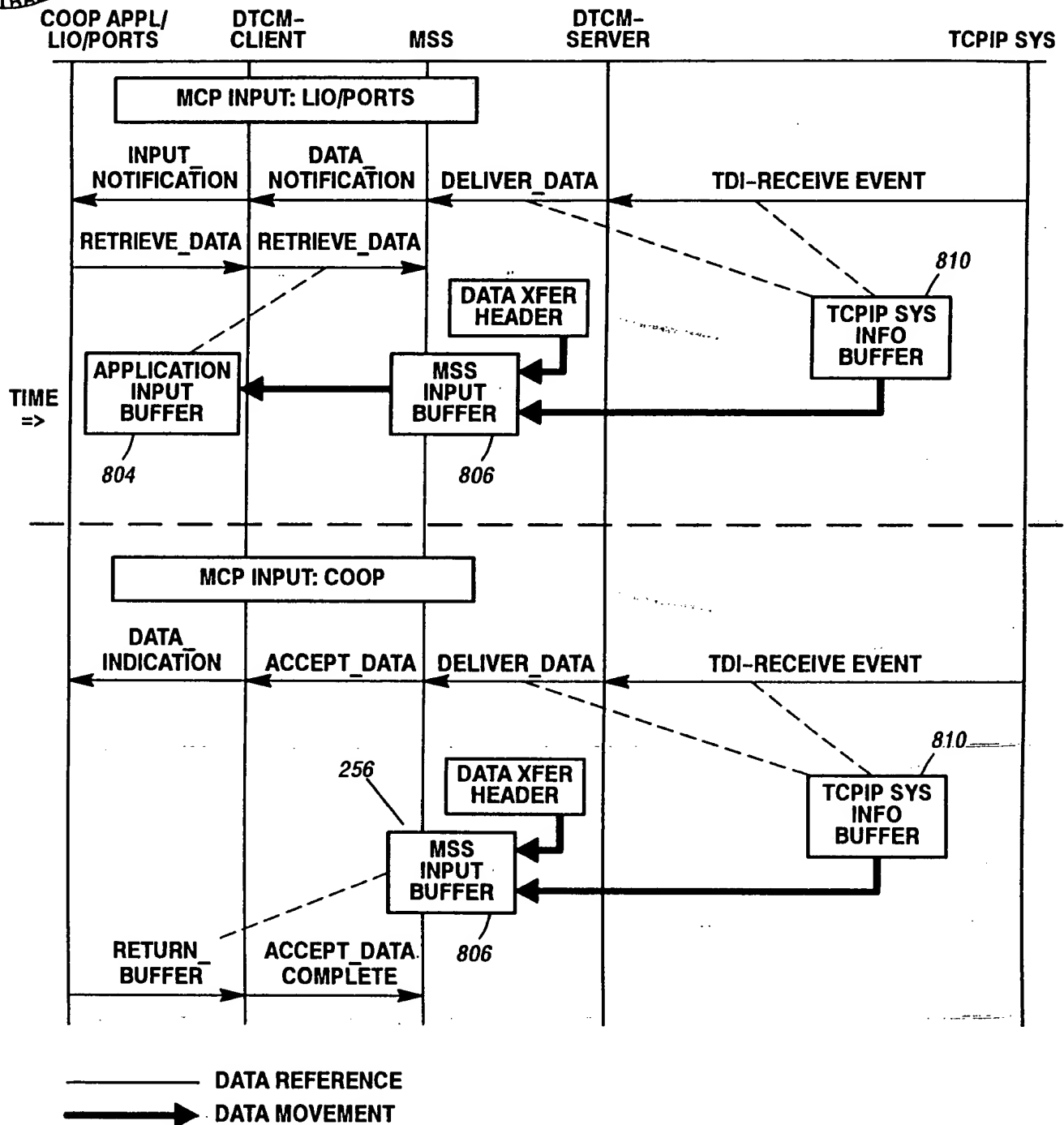
General Data Path Design
Figure 32



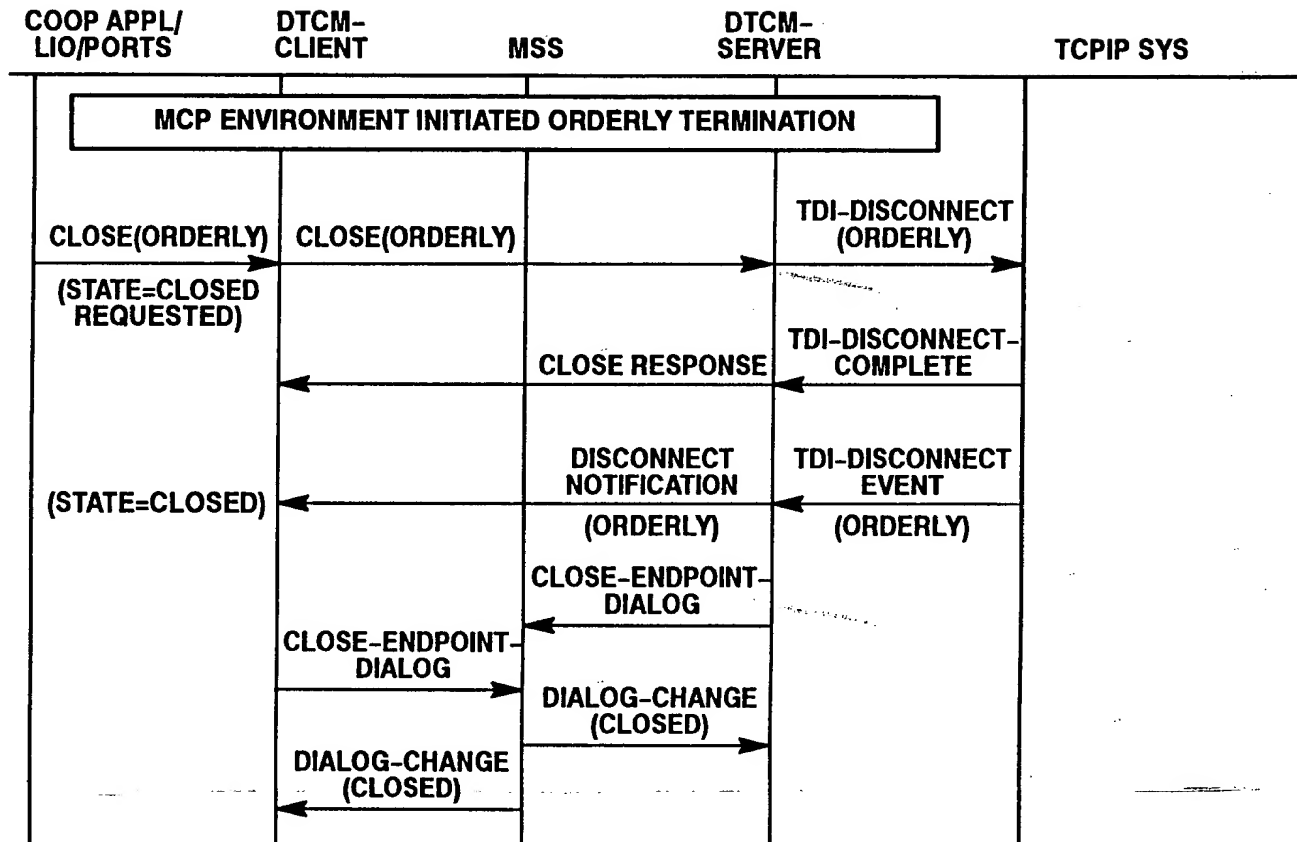
DTCM-Client Output
Figure 33



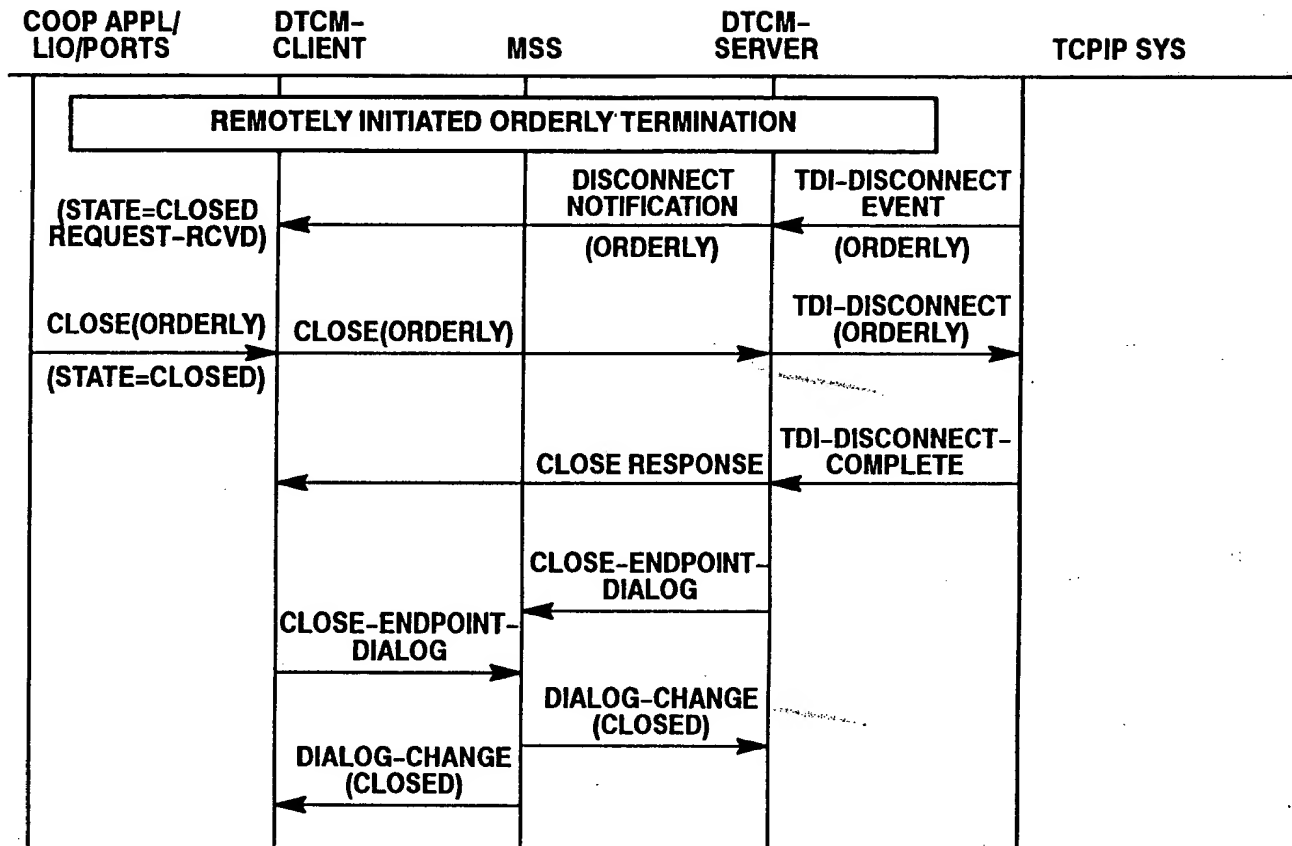
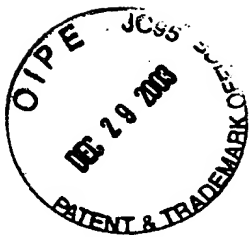
General Output Data Transfer Flow Diagram
Figure 34



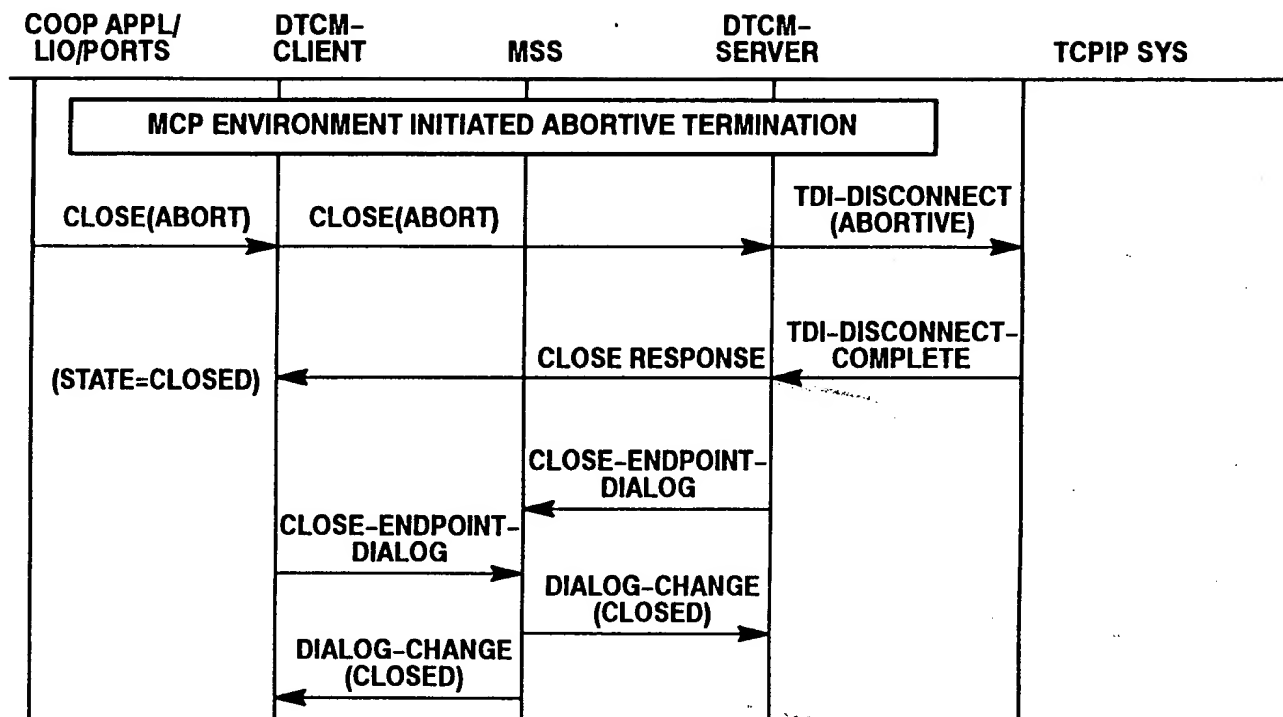
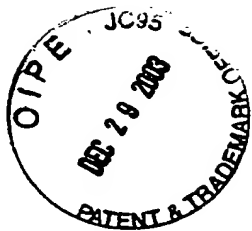
General Input Data Transfer Flow Diagram
Figure 35



MCP Environment Initiated Orderly Dialog Termination
Figure 36

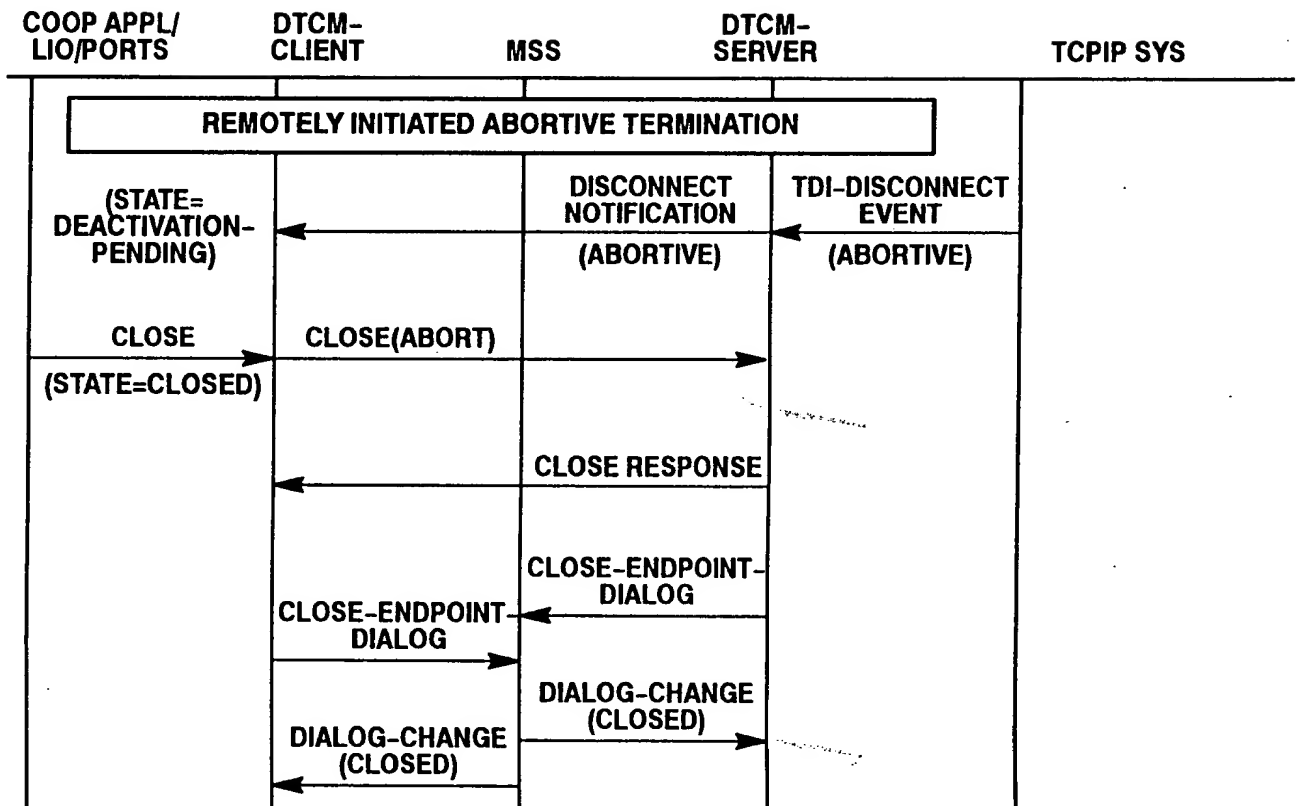
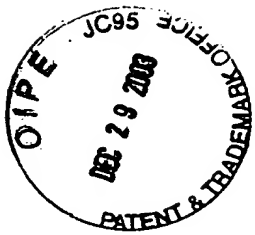


Remotely Initiated Orderly Dialog Termination
Figure 37



MCP Environment Initiated Abortive Dialog Termination

Figure 38



Remotely Initiated Abortive Dialog Termination
Figure 39